

AD A072033

USAFETAC/DS-79/022

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USAFETAC  
Air Weather Service ( MAC )

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

FORT CAMPBELL KY/CAMPBELL AAF      WBAN# 13806  
N 36 40 W 087 29 ELEV 571 FT      KHOP      WMO# 74671

POR FROM HOURLY OBS: JUL 43-OCT 45, APR 50, JUN 50-  
DEC 72

POR FROM DAILY OBS: JUL 43-OCT 45, APR 50, JUN 50-  
DEC 72

JUL 10 1975

FEDERAL BUILDING  
ASHEVILLE, N. C.

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This technical report has been reviewed and is approved for publication.

*Michael W. Preston*

MICHAEL W. PRESTON, SMS, USAF  
NCOIC, Climatological Services Branch

FOR THE COMMANDER

*Walter S. Burgmann*

WALTER S. BURGMANN  
Scientific & Technical  
Information Officer

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18 SUPPLEMENTARY NOTES																	
19 KEY WORDS (Continue on reverse side if necessary and identify by block number)																	
<table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
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Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20 ABSTRACT (Continue on reverse side if necessary and identify by block number)																	
<p>This report is a six-part statistical summary of surface weather observations for Fort Campbell AAF, Clarksville, Kentucky</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over))</p>																	

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19. Percentge frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables

\* Kentucky

\* Fort Campbell AAF KY

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

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ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

### DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

#### PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV .  
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

#### PART F STATION PRESSURE

SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY \_\_\_\_\_

APRIL \_\_\_\_\_

JULY \_\_\_\_\_

OCTOBER \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MAY \_\_\_\_\_

AUGUST \_\_\_\_\_

NOVEMBER \_\_\_\_\_

MARCH \_\_\_\_\_

JUNE \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
13806	FORT CAMPBELL KY/CAMPBELL AAF	N 36 40	W 087 30	581	KHOP	74671

### STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Campbell Army Afd Kentucky	AAF	Jul 43	Oct 45	N 36 40	W 087 29	558	561	24
2	Campbell AFB Kentucky	AFB	Apr 50	May 50	Same	Same	569	559	24
3	Same	Same	Jun 50	Feb 53	Same	W 087 30	Same	Same	24
4	Same	Same	Mar 53	Mar 55	Same	Same	Same	567	24
5	Same	Same	Apr 55	Dec 58	Same	Same	Same	564	24
6	Campbell AAF Kentucky	AAF	Jan 59	Feb 60	Same	Same	Same	Same	24
7	Same	Same	Mar 60	Feb 62	Same	Same	581	Same	24
8	Same	Same	Mar 62	Oct 64	Same	Same	Same	571	24
9	Same	Same	Nov 64	Dec 72	Same	Same	Same	566	24
									Jan71-Dec 72 GWC Data

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jul 43 to Oct 45	Not available.	Selsyn	ML-144	N/A	
2	Apr 50 to Feb 53	Located on Control Tower.	AN/GMC-1	None	92 Ft	
3	Mar 53 to Mar 55	Located on Control Tower, adjacent to Operations Bldg.	Same	None	Same	
4	Apr 55 to Jun 55	Same	Same	None	107 Ft	
5	Jul 55 to Feb 60	Located 750 ft from center of Rnwy 22.	AN/GMC-11	RO-2	13 Ft	
6	Mar 60 to Feb 61	Located 100 ft NW of Rnwy 04/22 about mid point from each end.	Same	Same	Same	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	Mar 61 to Feb 62	Located 700 ft from Rnwy 04/22.	Same	Same	Same	
8	Mar 62 to Feb 64	Located 2800 ft NNW of Weather Station.	Same	Same	12 Ft	
9	Mar 64 to Apr 64	Located 800 ft NW of Rnwy 22 about 4400 ft from end of Rnwy 22.	Same	Same	13 Ft	
10	May 64 to Feb 65	Located 500 ft NW of centerline at the end of Rnwy 22.	Same	Same	Same	
11	Mar 65 to Sep 70	Located 500 ft NW of centerline even with approach end of Rnwy 22.	Same	Same	Same	
12	Oct 70 to Dec 72	Located 575 ft SE of centerline, 800 ft from approach end of Rnwy 22.	Same	Same	Same	

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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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USAF ETAC  
AIR WEATHER SERVICE/ETAC

# WEATHER CONDITIONS

1970-6 F FT CAMPBELL KY/CAMPBELL IAF 42-45,51-72 ALL  
STATION STATION NAME YEARS MONTH

SCALE THIS FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM ONLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JA	ALL	.3	1.5	1.0	4.6		15.0	18.2	2.6	.2	.0	35.5	17682
FE		.5	12.0	.3	3.2		15.3	17.9	10.9	.4	.1	34.9	16153
MA		1.2	11.1	.1	2.8	.	13.7	12.3	10.1	.0	.3	27.1	17758
AP		1.7	1.1		.1		1.2	7.1	9.0		.1	15.3	17295
MAY		2.1	7.6				7.6	9.4	9.4		.0	17.4	18484
JUN		2.5	4.8			.	4.9	7.5	12.8			19.2	17540
JUL		2.0	4.4			.	4.4	9.0	14.2			20.4	18841
AUG		2.2	4.2				4.2	11.4	10.9		.1	26.9	19285
SEP		1.0	5.7				5.7	11.8	14.6		.0	23.7	17972
OCT		.5	5.9		.0		4.0	11.7	16.1		.0	24.7	16821
NOV		.4	4.4	.1	1.1		0.5	11.3	19.9	.0		29.2	17932
DEC		.2	11.9	.5	2.0		15.1	16.1	19.4	.0	.1	31.0	18494
TOTALS		1.3	8.1	.2	1.2	.0	9.4	12.0	10.0	.1	.1	25.3	216065

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## WEATHER CONDITIONS

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 JAN  
STATION STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN.	00-02	.4	10.7	1.5	5.7		17.6	18.4	18.6	.1		33.5	2201
	03-05	.7	11.4	1.4	5.7		17.8	20.5	18.8	.2		35.7	2208
	06-08	.2	9.9	1.8	4.1		15.6	24.6	27.9	.2	.1	46.0	2216
	09-11	.2	9.9	1.0	5.4		16.1	20.4	26.3	.4	.0	42.6	2212
	12-14	.1	10.6	.5	4.2		15.1	14.4	17.7	.5		30.7	2212
	15-17	.2	10.2	.5	3.8		14.3	14.8	17.7	.2		30.6	2216
	18-20	.4	10.1	.6	3.3		13.9	15.8	18.8	.0		32.4	2207
	21-23	.3	11.2	.9	4.3		16.1	16.3	18.9	.0		32.6	2206
TOTALS		.3	10.5	1.0	4.6		15.8	18.2	20.6	.2	.0	35.5	17682



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 FEB  
STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.8	12.1	.5	3.5		16.0	18.9	17.8	.4		34.0	2022
	03-05	.6	12.2	.4	4.1		16.5	21.5	19.9	.4		37.9	2021
	06-08	.2	11.8	.6	4.2		16.3	26.3	29.4	.6	.1	47.8	2021
	09-11	.3	12.4	.3	3.5		15.8	19.4	23.9	.8	.2	39.7	2020
	12-14	.5	11.7	.1	2.7		14.3	14.5	14.9	.4	.3	28.0	2018
	15-17	.5	11.3	.1	2.5		13.7	12.5	15.4	.1	.2	26.3	2017
	18-20	.7	12.4	.4	2.4		14.9	13.7	19.1		.0	30.1	2014
	21-23	.7	12.4	.3	2.5		15.2	15.9	18.7	.1		31.8	2020
TOTALS		.5	12.0	.3	3.2		15.3	17.8	19.9	.4	.1	34.5	16153

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ETAC

## WEATHER CONDITIONS

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,50-72 APR  
STATION STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02	1.9	10.3		.1		10.4	7.3	8.5			15.1	2163
	03-05	1.8	11.3		.0		11.3	12.0	10.1		.0	20.5	2163
	06-08	2.0	10.7				10.7	13.2	15.7		.1	26.6	2163
	09-11	.9	9.3		.1		9.3	6.0	9.3		.2	15.1	2161
	12-14	1.3	9.3		.3		9.6	4.2	5.9		.3	10.1	2161
	15-17	1.7	9.4		.0		9.4	3.4	5.9		.1	9.3	2163
	18-20	2.2	9.9		.1		10.0	5.1	8.3		.1	12.8	2158
	21-23	2.1	10.8		.1		10.9	5.5	8.2			13.1	2163
TOTALS		1.7	10.1		.1		10.2	7.1	9.0		.1	15.3	17295

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ IAC

## WEATHER CONDITIONS

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 MAY  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	2.8	9.1				9.1	12.4	8.6			19.7	2311
	03-05	1.3	8.1				8.1	23.6	12.4			32.2	2318
	06-08	.7	8.7				8.7	16.2	16.8			28.9	2310
	09-11	.9	6.5				6.5	4.6	8.3			12.2	2306
	12-14	2.1	6.5				6.5	3.2	5.9			8.9	2310
	15-17	3.2	7.1				7.1	3.1	6.5		.0	9.4	2310
	18-20	3.2	7.6				7.6	5.1	8.5			12.8	2313
	21-23	2.9	7.5				7.5	7.1	8.5			14.7	2306
TOTALS		2.1	7.6				7.6	9.4	9.4		.0	17.4	18484

DATA PROCESSING OFFICE  
USAF ETAC  
AIR WEATHER SERVICE/ IAC

# WEATHER CONDITIONS

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,50-72 JUN  
STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02	2.3	5.0				5.0	11.2	12.4			20.8	2167
	03-05	2.1	4.8				4.8	24.0	16.5			34.8	2167
	06-08	2.0	5.9				5.9	14.2	20.9			30.3	2165
	09-11	1.2	4.5				4.5	3.1	12.4			14.9	2169
	12-14	2.3	4.8			.0	4.9	1.2	8.7			9.8	2168
	15-17	3.7	5.2				5.2	1.1	7.8			8.6	2169
	18-20	3.7	4.4				4.4	2.1	10.3			11.8	2172
	21-23	2.6	3.7				3.7	3.3	11.5			14.4	2171
TOTALS		2.5	4.8			.0	4.8	7.5	12.8			18.2	17348

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USAF ETAC  
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## WEATHER CONDITIONS

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
YEARS

JUL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	2.2	4.2				4.2	11.7	15.5			24.1	2346
	03-05	1.3	4.2				4.2	28.7	18.8			39.2	2355
	06-08	1.2	3.9				3.9	20.2	22.7			35.1	2353
	09-11	1.6	4.3				4.3	2.6	12.8			14.6	2352
	12-14	2.9	4.2			.0	4.2	.9	8.4			9.1	2353
	15-17	4.7	5.9				5.9	1.1	9.1			10.0	2366
	18-20	4.6	4.4				4.4	2.5	12.2			13.9	2355
	21-23	3.9	4.4				4.4	4.4	14.2			17.3	2361
TOTALS		2.8	4.4			.0	4.4	9.0	14.2			20.4	18841

DATA PROCESSING BRANCH  
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AIR WEATHER SERVICE/AC

## WEATHER CONDITIONS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45, 50-72 AUG  
STATION STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.5	3.4				3.4	15.3	22.0			30.8	2408
	03-05	1.4	3.7				3.7	31.9	25.8			45.8	2408
	06-08	1.2	5.2				5.2	27.4	30.5		.4	45.7	2412
	09-11	.7	4.0				4.0	4.2	19.4		.2	22.4	2417
	12-14	2.9	4.4				4.4	1.7	12.2		.1	13.6	2411
	15-17	3.5	4.6				4.6	1.2	12.3			13.3	2408
	18-20	3.7	4.4				4.4	2.7	17.5		.0	19.4	2410
	21-23	2.3	3.6				3.6	6.5	19.8			23.8	2411
TOTALS		2.2	4.2				4.2	11.4	19.9		.1	26.9	19285

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/NAO

## WEATHER CONDITIONS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72 SEP  
STATION MONTH  
STATION NAME YEARS

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.3	5.3				5.3	15.6	15.6			28.2	2246
	03-05	.7	6.5				5.5	27.1	16.7			38.4	2246
	06-08	.5	7.2				7.2	28.7	25.7			45.7	2247
	09-11	.4	5.8				5.8	6.1	16.9			21.5	2243
	12-14	1.5	5.3				5.3	2.4	9.2			10.2	2246
	15-17	1.8	5.2				5.2	2.8	7.8			10.3	2250
	18-20	1.5	4.9				4.9	4.1	12.0		.1	15.6	2244
	21-23	1.0	5.1				5.1	7.4	14.0			19.7	2250
TOTALS		1.0	5.7				5.7	11.8	14.6		.0	23.7	17972

DATA PROCESSING FOR  
USAF ETAC  
AIR WEATHER SERVICE/ AC

## WEATHER CONDITIONS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72 OCT  
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	00-02	.3	5.5		.0		5.5	14.4	15.2			26.7	2355
	03-05	.6	6.4		.1		6.5	21.6	19.3		.0	35.8	2356
	06-08	.5	7.3		.1		7.4	27.9	32.8			51.3	2353
	09-11	.0	5.2				5.2	7.4	19.0			24.6	2350
	12-14	.4	5.2				5.2	3.4	9.0			11.5	2352
	15-17	.6	5.7				5.7	3.8	7.7			10.9	2352
	18-20	.9	6.5				6.5	5.7	11.1		.0	15.7	2350
	21-23	.6	5.7				5.7	9.1	14.4			21.2	2353
TOTALS		.5	5.9		.0		6.0	11.7	16.1		.0	24.7	18821



DATA PROCESSING CENTER  
USAF ETAC  
AIR WEATHER SERVICE/AC

## WEATHER CONDITIONS

13806 F RT CAMPBELL KY/CAMPBELL AAF 43-44,50-72 VDV  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
01	00-02	.4	9.2	.1	1.3		9.4	10.5	22.6			30.4	2244
	03-05	.8	10.2	.1	1.2		11.5	15.0	23.9			34.4	2240
	06-08	.2	9.1	.1	.9		10.0	23.4	30.9			45.0	2242
	09-11	.3	8.6	.1	1.3		10.0	11.5	22.3			21.3	2240
	12-14	.2	7.7		1.2		8.9	7.8	12.2			18.4	2243
	15-17	.5	7.4		1.4		9.7	7.0	12.2			18.1	2246
	18-20	.3	6.1		.8		3.9	7.2	16.7	.1		22.8	2235
	21-23	.5	7.6		1.1		8.5	7.9	18.6			24.8	2242
TOTALS		.4	3.4	.1	1.1		9.5	11.3	19.9	.0		28.2	17932

DATA PROCESSING  
USAF ET  
AIR WEATHER SERVICE/AC

## WEATHER CONDITIONS

19806 FORT CAMPBELL KY/CAMPBELL AAF 43-44,50-72 DEC  
STATION STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02	.2	12.2	.9	2.7		15.6	15.3	17.4	.1		30.0	2311
	03-05	.2	11.7	.8	2.9		15.3	16.7	19.1			32.5	2306
	06-08	.2	12.5	.7	3.1		16.1	23.1	29.6		.0	45.5	2316
	09-11	.2	10.8	.5	3.4		14.6	18.1	26.0	.0	.1	39.3	2318
	12-14	.1	11.5	.1	2.6		14.1	13.6	15.0		.1	25.9	2313
	15-17	.4	10.9	.1	2.5		13.4	13.9	15.1		.1	26.2	2321
	18-20	.2	12.5	.3	2.9		15.3	13.9	15.5		.1	27.1	2301
	21-23	.2	12.7	.4	3.3		16.1	14.0	17.3		.0	27.9	2308
TOTALS		.2	11.9	.5	2.9		15.1	16.1	19.4	.0	.1	31.8	18494

## PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than  $5/8$  mile.

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
WEATHER CONDITIONS  
XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
ATMOSPHERIC PHENOMENA

13806 FORT CAMPBELL KY/CAMPBELL AAF 50-72 ALL

STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	4.5	39.9	6.5	23.2	.4	52.8	45.6	54.1	1.6		70.8	682
FEB		6.6	41.0	2.7	18.8	.3	51.8	47.6	57.4	1.8	.3	69.9	622
MAR		12.6	44.9	.9	12.6	1.2	50.7	37.7	57.3	.6	.1	67.6	682
APR		19.4	50.2		1.4	1.4	50.6	32.4	40.2			52.9	666
MAY		22.0	44.3			1.2	44.3	47.7	43.1			60.4	682
JUN		27.0	39.1			.6	39.1	45.3	48.4			60.1	686
JUL		32.0	41.0			.4	41.0	54.7	52.7		.1	66.1	713
AUG		23.6	34.4			.3	34.4	57.5	61.7			71.1	713
SEP		13.0	34.3				34.3	54.1	55.1			66.5	690
OCT		6.5	30.9		.3		31.0	48.0	59.5			68.9	713
NOV		5.8	37.0	.1	8.8		41.6	43.2	54.2	.3		66.4	690
DEC		4.8	41.5	2.8	16.0	.4	50.1	42.6	56.8	.7	.1	68.4	713
TOTALS		14.8	39.9	1.1	6.8	.3	43.5	46.4	53.4	.4	.0	65.8	9252

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
PRECIPITATION  
(FROM DAILY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45, 50-72

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	.02-.05	06-10	11-25	26-50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 0 4	0 5 1 4	1 5 2 4	2 5 3 4	3 5 4 4	4 5 6 4	6 5 10 4	10 5 15 4	15 5 25 4	25 5 50 4	OVER 50 4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	47.6	18.3	2.3	6.5	4.3	6.9	5.7	5.3	2.4	.4	.1			34.1	742	4.12	10.09	.85
FEB	46.1	17.8	1.3	5.0	4.9	6.6	6.6	7.7	3.4	.6				36.1	679	4.65	11.54	1.10
MAR	47.2	15.5	1.6	5.5	4.3	7.3	7.3	6.6	4.2	.5				37.2	744	5.15	9.65	1.13
APR	49.0	14.7	2.5	5.6	2.8	8.0	6.5	7.9	2.8	.3				36.2	726	4.21	8.56	.04
MAY	54.3	11.6	2.4	4.8	4.6	7.4	5.4	7.1	2.0	.3	.1			34.1	744	4.19	9.70	.61
JUN	61.0	9.4	3.4	4.2	3.8	5.9	4.3	5.0	2.9	.3				29.6	746	3.30	6.46	.32
JUL	59.7	10.9	1.8	4.0	1.8	7.8	5.2	5.2	3.4	.3				29.4	792	3.91	8.47	1.08
AUG	65.6	10.9	.9	3.7	2.0	6.0	3.2	4.2	3.1	.4				23.4	806	3.52	8.88	.45
SEP	64.2	10.5	1.4	4.2	3.1	5.8	4.1	4.6	1.8	.3				25.3	780	2.76	5.19	.23
OCT	68.7	9.3	2.4	5.3	1.9	3.0	3.7	3.8	1.8					22.0	787	2.23	7.48	TRACE
NOV	58.7	12.5	2.7	4.4	3.2	4.3	6.0	4.8	3.3		.1			28.8	750	3.69	13.19	.60
DEC	49.0	15.9	2.7	6.7	5.7	5.8	4.6	5.5	3.7	.3				35.1	775	4.22	8.19	1.14
ANNUAL	55.9	13.1	2.1	5.0	3.5	6.2	5.2	5.7	2.9	.3	.0			30.9	9071	5.95		

DATA PROCESSING BRANCH  
USAF/ETAC/OL A  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45, 50-72

STATION

STATION NAME

YEARS

## 24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43							*.83	1.53	.81	.40	1.24	.72	
44	1.17	2.19	1.22	1.00	2.04	.38	.73	2.50	1.52	.42	2.01	2.30	2.50
45	1.00	.84	1.96	1.03	1.42	.94	2.50	.47	2.53*	.80			
50				*.03		*1.58	1.27	2.27	.89	.39	1.12	1.66	
51	2.50	1.69	.93	1.45	.30	1.12	1.34	.50	1.36	1.63	1.72	1.85	2.50
52	.84	.78	2.79	.64	1.67	.11	.86	1.21	1.43	2.18	1.19	1.72	2.79
53	.72	1.36	1.75	1.89	2.60	.52	1.91	.55	.51	.36	.26	.80	2.60
54	2.43	1.70	1.17	.94	.91	1.67	.70	.71	2.89	.97	.35	2.20	2.89
55	.56	2.29	2.78	.76	2.10	1.48	.79	2.25	1.71	1.06	.75	1.00	2.78
56	6.29	2.81	1.93	1.67	.90	.68	.92	1.84	.33	.52	.72	1.00	6.29
57	2.52	1.04	.69	1.16	2.98	1.49	1.34	1.55	.98	1.54	5.27	1.72	5.27
58	.82	.53	.88	.77	.92	.75	1.01	3.21	1.20	.54	1.19	.64	3.21
59	1.30	1.17	1.08	.59	.89	.79	1.67	1.13	.93	.66	1.36	1.29	1.67
60	1.47	1.05	.91	.89	.87	3.86	1.72	.54	1.20	.88	1.94	1.05	3.86
61	.71	1.17	.97	.98	2.27	1.92	.86	1.04	.70	1.29	1.84	3.05	3.05
62	1.49	3.33	1.12	1.52	.57	1.36	1.58	.91	.93	1.13	.71	.44	3.33
63	.52	.63	1.75	1.23	.82	.73	1.74	1.91	.19	TRACE	.55	.51	1.91
64	1.46	.76	3.84	.77	1.05	1.70	1.47	2.64	1.23	.96	1.61	2.31	3.84
65	2.53	2.98	1.60	1.01	.59	1.06	1.60	.38	1.42	.73	1.91	.84	2.98
66	2.61	2.11	.72	1.77	1.27	.68	1.37	1.25	.72	1.05	1.03	1.36	2.61
67	.76	.71	2.02	.84	5.64	1.31	2.94	.40	.96	1.18	.81	1.53	5.64
68	.38	1.06	1.77	3.84	1.29	1.18	3.68	.14	.69	.66	1.88	.69	3.84
69	1.49	.89	1.17	2.91	.84	1.30	.75	1.96	.52	.83	1.42	1.83	2.91
70	.48	.96	.74	2.20	.76	2.85	.31	1.23	.37	1.55	.65	1.34	2.85
71	*.54	2.58	.56	1.37	.69	1.49	.73	2.57	.87	.86	.73	.69	2.58
72	2.10	1.43	1.10	.72	2.42	.52	1.99	.65	1.23	1.94	1.40	2.59	3.59
MEAN	1.529	1.503	1.481	1.280	1.496	1.259	1.389	1.371	1.085	.943	1.367	1.445	3.287
S.D.	1.262	.816	.792	.797	1.142	.795	.758	.856	.618	.516	.977	.799	1.125
TOTAL OBS	742	679	744	726	744	746	792	806	780	787	750	775	9071

NOTE \* (BASED ON < FULL MONTHS)



DATA PROCESSING BRANCH  
USAF/ETAC/OL A  
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX  
EXTREME VALUES  
XXXXXXXXXXXXXXXXXXXX  
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF STATION NAME 43-45, 50-72 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43							* 1.72	1.90	1.94	.74	2.44	2.40	
44	1.34	8.11	5.34	4.59	2.61	.87	2.30	8.88	5.19	.45	4.00	5.85	49.53
45	4.52	4.77	5.40	4.61	5.38	3.36	3.47	1.36	4.74*	1.43			
50				* .04		* 4.23	6.57	7.75	3.54	.71	4.36	3.29	
51	10.09	4.03	5.29	4.10	.61	6.02	3.44	1.77	3.97	3.25	6.56	8.19	57.32
52	4.82	2.52	7.52	1.92	3.62	.32	2.31	2.54	3.31	2.92	2.91	3.56	38.27
53	4.21	3.19	8.67	4.35	6.48	1.15	3.81	1.11	.56	.55	.60	3.15	37.83
54	7.03	3.58	3.46	3.49	3.38	2.93	2.35	2.23	5.07	2.31	.88	7.92	44.63
55	1.44	7.65	9.27	4.28	8.19	4.44	1.27	4.09	4.41	2.76	2.22	2.05	52.07
56	7.90	11.54	5.58	6.83	3.07	1.92	3.56	2.85	.49	1.60	2.62	3.34	51.30
57	7.82	5.61	1.68	4.23	6.88	3.65	3.98	3.43	2.42	2.16	13.19	6.00	61.05
58	2.41	1.95	4.64	3.80	4.01	1.61	4.58	4.83	2.27	.93	3.20	1.45	35.78
59	3.89	4.43	2.96	2.50	3.67	2.31	3.29	5.23	2.89	2.63	3.43	3.10	40.33
60	3.13	3.17	3.84	2.27	2.41	6.33	3.01	.87	2.86	2.00	5.16	3.76	38.81
61	1.62	5.61	5.66	4.69	5.26	6.46	2.95	2.91	.87	3.00	5.32	5.71	50.06
62	4.73	10.72	3.91	4.44	2.83	3.81	3.66	1.30	2.92	3.63	2.21	1.55	45.71
63	1.00	1.35	6.62	2.63	2.47	1.95	6.41	5.35	.23	TRACE	2.64	1.21	31.86
64	4.16	2.04	9.65	3.86	2.49	1.96	3.24	5.09	3.11	1.05	4.31	6.34	47.30
65	4.28	5.88	6.57	4.31	1.66	5.24	5.09	.60	3.68	1.43	2.90	1.14	42.78
66	5.47	4.73	1.13	7.55	3.93	1.41	4.24	5.54	3.13	2.11	2.64	5.74	47.62
67	1.96	2.15	4.20	3.94	9.70	3.45	8.47	1.49	1.92	2.90	3.24	5.99	49.41
68	2.18	1.10	8.08	6.47	9.38	2.14	6.33	.45	2.56	1.52	4.54	2.97	47.72
69	5.05	3.28	2.43	8.56	2.29	4.75	2.83	6.68	.87	3.47	3.24	6.81	50.86
70	.85	3.25	3.83	5.78	2.78	6.06	1.08	3.48	1.14	7.48	2.09	3.88	41.68
71	* 1.93	7.02	2.36	2.25	3.63	5.03	3.78	8.05	4.02	2.18	1.77	2.94	*44.96
72	7.11	3.98	5.82	3.66	3.82	1.02	7.89	1.84	3.77	4.86	5.72	7.28	56.47
MEAN	4.123	4.653	5.150	4.206	4.189	3.297	3.909	3.524	2.765	2.233	3.692	4.225	46.207
S. D.	2.498	2.741	2.340	1.848	2.374	1.878	1.892	2.437	1.442	1.572	2.449	2.169	7.202
TOTAL OBS.	742	679	744	726	744	746	792	806	780	787	750	775	9071

NOTE \* (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE-FREQUENCY OF  
SNOWFALL  
(FROM DAILY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45, 50-72

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	.06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	77.0	15.3	2.5	2.1	1.6	.3	.4	.7						7.7	679	3.7	12.5	TRACE
FEB	80.2	13.3	1.3	3.5	.6	.5	.2		.3					6.4	622	2.6	13.2	.0
MAR	87.5	8.2	1.5	1.5	.6		.3		.3	.1				4.3	682	2.6	24.9	.0
APR	99.0	.7	.1			.1								.3	667	.1	3.0	.0
MAY	100.0														682	.0	.0	.0
JUN	100.0														686	.0	.0	.0
JUL	100.0														713	.0	.0	.0
AUG	100.0														713	.0	.0	.0
SEP	100.0														690	.0	.0	.0
OCT	99.7	.1		.1										.1	713	TRACE	.6	.0
NOV	91.7	5.9	.4	1.3	.1	.1	.1	.1						2.3	690	1.0	5.3	.0
DEC	84.2	10.9	2.0	1.7	.6	.1	.1		.4					4.9	713	2.2	9.1	.0
ANNUAL	93.3	4.5	.6	.8	.3	.1	.1	.1	.1	.0				2.2	8250	12.2		

DATA PROCESSING BRANCH  
USAF/ETAC/OL A  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES SNOWFALL

(FROM DAILY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45, 50-72

STATION

STATION NAME

YEA 5

## 24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43													
44													
45													
50				*	.0	*	.0	.0	.0	.0	1.0	2.5	
51	3.9	.9	2.2	3.0	.0	.0	.0	.0	.0	.0	2.8	1.2	3.9
52	TRACE	.5	TRACE	.0	.0	.0	.0	.0	.0	.0	1.7	TRACE	1.7
53	.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.4	1.4
54	3.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	1.0	.9	3.0
55	2.9	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.4	2.9
56	.4	TRACE	.8	TRACE	.0	.0	.0	.0	.0	.0	4.1	TRACE	4.1
57	.2	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.2	.2
58	4.0	3.5	4.0	.0	.0	.0	.0	.0	.0	.0	1.0	TRACE	4.0
59	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	1.0	TRACE	1.0
60	4.3	3.3	9.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	9.0
61	2.0	1.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.7	2.0
62	1.8	1.5	.7	.2	.0	.0	.0	.0	.0	TRACE	.0	2.1	2.1
63	5.2	1.8	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.7	6.7
64	5.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	TRACE	5.0
65	2.0	6.8	2.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	6.8
66	4.9	.1	.3	.0	.0	.0	.0	.0	.0	.0	3.0	4.0	5.0
67	*TRACE	1.3	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.2	7.2
68	5.4	.5	11.6	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	11.6
69	.2	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.9	7.1	7.1
70	1.9	2.3	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.6	2.3
71	* 2.0	7.0	2.0	TRACE	.0	.0	.0	.0	.0	.0	1.1	TRACE	7.0
72	.3	1.2	.4	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.2
MEAN	2.25	1.63	1.59	.14	.00	.00	.00	.00	.00	.03	.89	1.69	4.33
S. D.	1.948	1.961	3.024	.625	.000	.000	.000	.000	.000	.125	1.367	2.330	2.947
TOTAL OBS.	679	622	682	607	682	686	713	713	690	713	690	713	8250

NOTE \* (BASED ON < FULL MONTHS)

XXXXXXXXXXXXXXXXXXXX  
 EXTREME VALUES  
 XXXXXXXXXXXXXXXXXXXX  
 MONTHLY SNOWFALL  
 XXXXXXXXXXXXXXXXXXXX

(FROM DAILY OBSERVATIONS)

43-45, 50-72

**YEARS**

[illegible]

NOTE \* (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

13806

FORT CAMPBELL KY/CAMPBELL AAF

43-45, 50-72

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	77.6	9.3	2.7	4.7	2.8	2.4	.5							13.2	744			
FEB	84.4	5.9	4.1	1.8	1.3	1.8	.7							9.7	679			
MAR	93.3	2.6	1.2	.7	.3	.9	.9	.1						4.2	744			
APR	99.7	.1	.1											.1	728			
MAY	100.0														744			
JUN	100.0														746			
JUL	100.0														792			
AUG	100.0														806			
SEP	100.0														780			
OCT	99.9		.1											.1	787			
NOV	97.3	.8	1.6	.1	.1									1.9	750			
DEC	89.0	5.8	2.6	.8	.8	.8	.3							5.2	775			
ANNUAL	95.1	2.0	1.0	.7	.4	.5	.2	.0						2.9	9075			

DATA PROCESSING BRANCH  
USAF/ETAC/DL A  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

12806

FORT CAMPBELL KY/CAMPBELL AAF

43-45, 50-72

STATION

STATION NAME

YEARS

## DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43							*	0	0	0	0	0	
44	TRACE	1	TRACE	0	0	0	0	0	0	0	0	2	2
45	2	6	0	0	0	0	0	0	0	0*	0	0	
50			*	0	0	*	0	0	0	0	1	2	
51	1	5	2	1	0	0	0	0	0	0	2	1	5
52	TRACE	TRACE	0	0	0	0	0	0	0	0	1	1	1
53	TRACE	TRACE	0	0	0	0	0	0	0	0	0	1	1
54	2	0	0	0	0	0	0	0	0	0	1	TRACE	2
55	2	TRACE	TRACE	0	0	0	0	0	0	0	0	1	2
56	TRACE	TRACE	TRACE	0	0	0	0	0	0	0	TRACE	0	TRACE
57	TRACE	0	TRACE	0	0	0	0	0	0	0	0	TRACE	TRACE
58	TRACE	3	1	0	0	0	0	0	0	0	TRACE	0	3
59	0	10	0	0	0	0	0	0	0	0	TRACE	0	10
60	5	3	15	0	0	0	0	0	0	0	0	1	15
61	2	1	0	0	0	0	0	0	0	0	0	1	2
62	2	1	1	0	0	0	0	0	0	0	0	3	3
63	6	1	0	0	0	0	0	0	0	0	0	8	8
64	4	0	0	0	0	0	0	0	0	0	1	0	4
65	5	8	3	0	0	0	0	0	0	0	0	0	8
66	5	3	0	0	0	0	0	0	0	0	3	4	5
67	2	2	1	0	0	0	0	0	0	0	0	3	3
68	9	1	12	0	0	0	0	0	0	0	0	0	12
69	3	9	TRACE	0	0	0	0	0	0	0	1	5	9
70	4	1	TRACE	0	0	0	0	0	0	0	0	TRACE	4
71	2	7	TRACE	TRACE	0	0	0	0	0	0	1	0	7
72	TRACE	1	TRACE	0	0	0	0	0	0	0	0	TRACE	1
MEAN	2.3	2.6	1.5	.0	.0	.0	.0	.0	.0	.0	.4	1.3	4.7
S. D.	2.390	3.146	3.810	.200	.000	.000	.000	.000	.000	.196	.768	1.973	4.030
TOTAL OBS.	744	679	744	728	744	746	792	806	780	787	730	775	9075

NOTE \* (BASED ON < FULL MONTHS)

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

## EXTREME VALUES

### SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF  
STATION STATION NAME

43-45, 55-72

STATION

STATION NAME

YEARS

## DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC.	ALL MONTHS	
43														
44														
45														
55								N #22SSW	31WNW	35SW	39SW	26		
56	NNW 28WNW	46W	40W	39ESE*11				N #22SW	28ESE*26SSW	31WNW	28			
57	NW 36		NNW*22WSW	36W	*39		E #21W	27SW	22SE	26S	*32SSW*39			
58	SSW*34SW	31NW	27S	*36S	*24SSW	33SSW*26W	*20WNW	27NNW	24W	33WSW*30		S	*36	
59	SSW*34W	*36WSW*41SW	*34SE	24W	24NNW	33NW	29W	34W	25W	30N	29	WSW*41		
60	SW 28W	35W	30WSW	30S	32NNW	43W	30N	23WSW	36WSW	24WNW	39NW	27	NNW 43	
61	NW 29NNW	28ESE	43W	35SW	34SW	45WSW	30ESE	33S	29NNW	21WSW	41WNW	39	SW 45	
62	S 37S	32NW	56W	36WNW	46NNW*26	NNW*27NNW	44SSW	36NW	24NW	26NW	23	NW 56		
63	NW 29NNW	30SSW	34NW	37SW	29NNW	30S	32NNW	28SSE	22SSW	27S	37W	33	NW 37	
64	WNW 38W	28SW	47SSW	38S	24SW	23W	37NNW	30N	23SSW	25S	31S	31	SW 47	
65	SW 38S	30SW	38SSW	32SW	24N	24NNW	43SSW	24SSW	24W	24SSW	38SSW	35	NNW 43	
66	SW 25S	34SW	36SSE	36S	27W	27WSW	21S	22SSW	21S	31NW	28S	29	SW 36	
67	S 34SW	43SW	27SW	32S	28SE	17ENE	18SW	16WSW	24W	30WSW	28SSW	38	SW 43	
68	NW 22S	24NE	34WSW	40SSW	31SSW	3020/	4010/	2211/	2121/	2121/	3823/	32	WSW 40	
69	18/	2724/	2623/	3523/	4820/	3836/	4434/	4230/	6436*	2634/	3628/	3026/	33	30/ 64
70	21/	4220/	3829/	3625/	5019/	3136/	3636/	3636/	4020/	4116/	3023/	5323/	34	23/ 53
71	23/	3622/	4036/	3521/	3132/	5031/	3628/	3225/	3127/	3420/	2732/	2823/	45	32/ 50
72	26/	4033/	3224/	4034/	4124/	2825/	3730/	38 2/	2735/	3217/	2627/	3117/	42	17/ 42
MEAN	32.8	33.4	36.5	37.1	30.5	31.7	31.6	29.1	28.6	26.8	34.1	32.9	45.1	
S. D.	5.696	6.054	8.024	5.430	9.308	8.422	7.606	11.135	5.953	4.181	6.570	5.656	7.851	
TOTAL OBS	508	438	484	496	461	427	466	525	520	532	530	544	595	

NOTES \* (BASED ON &lt; FULL MONTHS)

\$ (BASED ON &lt; FULL MONTHS AND +100 KNOTS)

USAF ETAC FORM 0-88-5 (OLI)



DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE/ SAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806  
STATION

F.L.R.T. CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45, 50-72  
YEARS

ALL  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.4	2.2	.8	.1	.0	.0	.0				7.2	6.4
NNE	1.0	1.7	1.4	.4	.0	.0	.0					4.5	6.2
NE	.9	1.6	1.1	.3	.0	.0	.0					3.8	6.0
ENE	.8	1.2	.8	.2	.0	.0	.0					3.0	5.8
E	1.4	1.9	1.1	.2	.0	.0						4.8	5.4
ESE	.9	1.3	.7	.2	.0	.0						3.1	5.4
SE	.9	1.7	1.0	.3	.0	.0	.0	.0				4.0	5.9
SSE	.2	1.7	1.4	.5	.1	.0	.0	.0		.0		4.8	6.7
S	1.8	3.3	3.0	1.3	.2	.0	.0					9.6	7.0
SSW	1.1	1.8	2.1	1.3	.2	.1	.0					6.6	8.0
SW	1.0	1.8	2.1	1.2	.2	.1	.0	.0				6.3	8.0
WSW	.8	1.3	1.6	.9	.2	.1	.0	.0				4.8	8.0
W	1.1	1.6	1.6	.8	.2	.0	.0	.0				5.4	7.3
WNW	.7	1.1	1.1	.6	.1	.0	.0	.0				3.6	7.6
NW	.8	1.5	1.6	.9	.2	.1	.0					5.0	7.9
NNW	1.0	1.6	1.7	.8	.2	.0	.0	.0				5.2	7.4
VARBL													
CALM												18.3	
	16.9	27.4	24.6	10.6	1.8	.4	.0	.0		.0		100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

215349

DATA PROCESSING BRANCH  
EIA/USAF  
AIR WEATHER SERVICE/ IAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806	FORT CAMPBELL KY/CAMPBELL AAF	44-45, 51-72	JAN
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			ALL
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.5	3.4	1.4	.1	.0						3.7	7.5
NNE	.7	1.6	1.7	.6	.0							4.7	7.1
NE	.7	1.2	.8	.2	.0							3.0	6.0
ENE	.7	1.3	.8	.2								3.0	5.6
E	1.3	2.2	1.1	.1								4.7	5.2
ESE	.9	1.4	.9	.1	.0							3.3	5.3
SE	.9	1.6	1.4	.3								4.2	6.2
SSE	.9	1.7	1.8	.8	.1	.0						5.3	7.2
S	1.2	2.7	3.7	2.2	.3	.0						9.8	8.1
SSW	.9	1.5	2.2	1.8	.4	.1						6.9	9.1
SW	.6	1.5	2.3	1.4	.2	.1	.0					6.1	8.8
WSW	.5	1.0	1.4	1.0	.2	.1						4.3	8.8
W	.7	1.8	1.8	1.0	.1	.0						5.6	7.8
WNW	.5	1.0	1.5	.9	.1	.1						4.2	8.5
NW	.8	1.7	2.6	1.8	.4	.2	.0					7.5	9.1
NNW	.9	1.7	3.0	1.8	.4	.1						7.8	8.7
VARBL													
CALM												11.2	
	13.5	26.4	30.0	15.7	2.6	.6	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 17677

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/ IAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 YEARS FEB MONTH  
ALL WEATHER CLASS ALL HOURS (L.S.T.)  
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.7	2.9	1.4	.2							8.6	7.3
NNE	.9	2.0	1.8	.4	.0							5.1	6.4
NE	.8	1.5	1.5	.4	.1							4.3	6.8
ENE	.3	1.3	1.0	.3	.0	.0						3.5	6.1
E	1.2	2.0	2.0	.5	.1							5.8	6.5
ESE	.8	1.5	1.1	.3	.0	.0						3.8	6.0
SE	.7	1.6	1.3	.4	.0	.0	.0	.0				3.9	6.6
SSE	.5	1.0	1.5	.9	.2	.0				.0		4.2	8.6
S	1.1	2.4	2.6	1.5	.3	.1						7.9	8.1
SSW	.7	1.4	1.8	1.5	.5	.1	.0					6.0	9.5
SW	.6	1.4	1.6	1.7	.4	.1	.0					6.1	9.4
WSW	.5	1.2	1.3	.9	.3	.1	.0	.0				4.3	9.1
W	1.0	1.5	1.8	1.3	.2	.1	.0	.0				5.8	8.2
WNW	.7	1.4	1.5	1.0	.2	.0	.0					4.0	8.3
NW	.8	1.9	2.5	1.2	.2	.2	.0					6.8	8.5
NNW	1.0	2.0	2.6	1.6	.5	.2	.0					7.9	8.8
VARBL													
CALM												11.0	
	13.3	27.0	29.1	15.1	3.4	.9	.1	.0		.0		100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 16151

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 44-45, 51-72 YEARS MAR MONTH ALL HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.2	2.7	1.2	.2	.0						7.3	7.7
NNE	.7	1.5	1.5	.6	.1							4.4	6.9
NE	.6	1.4	1.2	.5	.1	.0						3.7	6.9
ENE	.5	1.3	1.2	.3	.0	.0						3.4	6.8
E	1.0	1.9	1.6	.6	.1	.0						5.3	6.7
ESE	.6	1.4	1.2	.5	.0	.0						3.7	6.0
SE	.6	1.5	1.5	.6	.1		.0					4.3	7.4
SSE	.7	1.5	1.8	.9	.1	.0	.0					5.0	7.8
S	.9	2.6	3.4	2.3	.3	.1						9.6	8.5
SSW	.6	1.3	1.9	2.1	.6	.2						6.7	10.2
SW	.5	1.1	1.9	1.8	.5	.2	.0	.0				6.1	10.2
WSW	.5	1.1	1.8	1.4	.4	.2	.1	.0				5.5	10.1
W	.8	1.5	2.1	1.8	.5	.2	.0	.0				6.8	9.6
WNW	.7	1.1	1.6	1.0	.3	.1	.0					4.9	9.0
NW	.6	1.7	2.3	1.4	.3	.1	.0					6.5	8.8
NNW	.7	1.7	2.6	1.3	.2	.1						6.5	8.4
VARBL													
CALM												10.3	
	11.1	24.7	30.2	18.4	3.8	1.2	.2	.0				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 17758

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/1AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 44-45,50-72 APR  
STATION NAME YEARS  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9	2.3	1.8	.1	.0						6.5	7.0
NNE	.6	1.5	1.3	.5	.1	.0						3.9	7.0
NE	.7	1.4	1.2	.3								3.5	6.2
ENE	.7	1.1	1.0	.2								3.1	6.1
E	1.3	2.2	1.7	.8	.0	.0						5.7	6.2
SSE	.8	1.5	.9	.3	.0	.0						3.6	6.1
SE	.7	1.7	1.6	.5	.1	.0						4.6	6.9
SSE	.7	1.9	2.0	1.0	.2	.0						5.9	7.9
S	1.1	3.1	3.5	2.2	.4	.1						10.3	8.3
SSW	.8	1.5	2.8	2.6	.5	.1	.0					8.2	9.6
SW	.7	1.3	2.4	2.3	.5	.2						7.3	10.0
WSW	.5	1.1	2.0	1.5	.5	.2	.0	.0				5.8	10.0
W	.5	1.4	1.8	1.2	.4	.1	.0					5.8	8.8
WNW	.6	1.1	1.2	.3	.3	.0		.0				4.2	8.7
NW	.6	1.3	1.7	1.3	.2	.0						5.1	8.6
NNW	.3	1.4	2.1	1.1	.2	.0	.0					5.6	8.0
VARBL													
CALM												10.8	
	12.6	25.5	29.5	17.3	3.3	.9	.0	.0				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 17295

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 44-45, 51-72 YEARS MAY NORTH  
ALL WEATHER CLASS ALL HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.7	2.3	1.8	.6	.1	.0						6.5	6.2
NNE	1.0	1.7	1.3	.4	.0							4.4	6.1
NE	.7	1.3	.8	.1	.0							3.0	5.7
ENE	.7	1.3	.9	.2								3.1	5.7
E	1.4	1.9	1.0	.1	.0							4.5	5.1
ESE	.8	1.3	.7	.1								2.9	5.3
SE	1.1	1.6	.9	.1	.0	.0						3.7	5.3
SSE	1.1	1.9	1.8	.5	.0	.0						5.2	6.5
S	1.9	3.6	3.6	1.4	.2	.0						10.7	6.9
SSW	1.0	2.2	2.8	1.5	.2	.1	.0					7.8	8.2
SW	1.2	1.9	2.4	1.4	.2	.1						7.2	7.8
WSW	.9	1.7	1.8	.9	.2	.0	.0	.0				5.5	7.6
W	1.2	1.8	1.8	.8	.1	.0	.0					5.7	7.1
WNW	.7	1.0	.8	.6	.1	.0						3.3	7.4
NW	.8	1.2	1.0	.6	.1	.0						3.8	7.1
NNW	.9	1.4	1.1	.3	.1	.0						3.9	6.5
VARBL													
CALM												18.9	
	16.9	28.2	24.6	9.7	1.3	.4	.0	.0				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 17765

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FLRT CAMPBELL KY/CAMPBELL AAF 44-45,50-72 JUN  
STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
ALL  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.7	1.1	.3	.1	.0		.0				5.1	5.3
NNE	1.2	1.5	1.0	.1	.0							3.9	5.2
NE	1.1	1.6	1.0	.1		.0						3.8	5.3
ENE	.9	1.1	.7	.1								2.8	5.0
E	1.3	1.6	.9	.1								4.1	4.9
ESE	.9	1.0	.5	.1								2.4	4.7
SE	1.0	1.7	.7	.1								3.4	5.0
SSE	1.2	2.1	1.1	.3	.0							4.6	5.4
S	2.6	4.2	3.3	.7	.0							17.8	5.9
SSW	1.8	2.5	2.3	1.0	.1	.0						7.7	6.6
SW	1.3	2.6	2.9	1.1	.1	.0						8.1	7.1
WSW	1.1	1.7	1.9	.7	.1	.0						5.5	7.0
W	1.5	2.1	1.6	.5	.1	.0	.0	.0				5.9	6.4
WNW	.8	1.0	.8	.4	.1	.0	.0					3.0	6.6
NW	.6	1.1	.8	.3	.1		.0					2.9	6.6
NNW	.9	1.0	.7	.2	.0			.0				2.9	5.6
VARBL													
CALM												23.0	
	20.2	28.7	21.3	6.0	.7	.1	.0	.0				100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 17348

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45, 50-72 JUL  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	1.4	.3	.0							5.6	5.3
NNE	1.3	1.5	1.1	.2	.0	.0						4.1	5.4
NE	.9	1.8	1.0	.3	.0	.0						4.0	5.8
ENE	.9	1.1	.7	.2	.0							2.9	5.5
E	1.3	1.4	.7	.1	.0							3.5	4.9
ESE	.9	.9	.4	.1								2.2	4.7
SE	.9	1.2	.4	.1	.0							2.6	4.7
SSE	.9	1.3	.6	.1								2.9	5.0
S	2.5	3.8	1.9	.3	.0	.0						8.5	5.2
SSW	1.8	2.7	2.0	.6	.0	.0						7.1	5.9
SW	1.6	2.9	2.8	.8	.1	.0						8.2	6.6
WSW	1.4	1.9	2.1	.9	.0	.0						6.4	6.7
W	1.7	1.9	1.6	.6	.0	.0						5.9	6.0
WNW	.9	.9	.7	.2	.0	.0						2.8	5.8
NW	.9	1.0	.7	.2	.0		.0					2.9	5.8
NNW	1.2	1.4	.7	.3	.0							3.5	5.3
VARBL													
CALM												26.9	
	21.2	27.5	18.6	5.3	.3	.1	.0					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 18861



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/DAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806      FORT CAMPBELL KY/CAMPBELL AAF      43-45, 50-72      AUG  
STATION      STATION NAME      YEARS      MONTH  
ALL WEATHER      ALL  
CLASS      HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.1	1.8	.4	.0							8.1	5.1
NNE	1.5	2.3	1.7	.3	.1		.0					5.9	5.7
NE	1.3	1.9	1.2	.2	.0	.0						4.6	5.4
ENE	.9	1.3	.6	.1	.0	.0						3.0	5.2
E	1.5	1.8	.7	.1	.0							4.2	4.9
ESE	.9	.9	.5	.1								2.3	4.7
SE	1.0	1.1	.5	.1	.0							2.7	4.9
SSE	1.1	1.5	.8	.1	.0							3.6	5.1
S	2.7	3.4	1.7	.2	.0							8.0	4.9
SSW	1.7	2.1	1.5	.3	.0							5.6	5.5
SW	1.6	2.2	1.7	.4	.0							5.9	5.9
WSW	1.2	1.6	1.4	.4	.0							4.5	6.0
W	1.4	1.6	1.0	.2	.0	.0						4.2	5.3
WNW	.9	.8	.6	.3	.0	.0						2.6	5.9
NW	.8	.9	.8	.2	.0	.0						2.8	6.0
NNW	1.1	1.2	.8	.1	.0							3.3	5.2
VARBL													
CALM												28.7	
	22.4	27.7	17.2	3.7	.3	.0	.0					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 19283

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72 SEP  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
ALL  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.6	2.3	.5	.0	.0						7.7	5.8
NNE	1.4	2.3	1.5	.2	.0							5.5	5.6
NE	1.4	2.7	1.8	.3	.1	.0						6.2	6.0
ENE	1.0	1.5	.8	.2	.0							3.4	4.4
E	1.8	2.3	1.0	.1								5.3	4.8
ESE	1.1	1.5	.7	.1								3.3	4.8
SE	1.5	2.2	1.1	.2	.0							5.0	5.1
SSE	1.5	1.8	1.2	.2	.0	.0						4.6	5.3
S	2.1	3.9	2.8	.5	.0	.0						9.3	5.8
SSW	1.0	1.7	1.8	.5	.0		.0					5.0	6.6
SW	.9	1.4	1.6	.6	.1	.0						4.6	7.1
WSW	.8	.9	1.0	.4	.0							3.1	6.6
W	1.1	1.1	.9	.2	.0	.0	.0					3.4	5.7
WNW	.6	.7	.4	.1	.0							1.8	5.7
NW	.8	1.1	.8	.3	.1							3.2	6.3
NNW	1.0	1.1	.9	.3	.0	.0						3.4	6.0
VARBL													
CALM												25.1	
	20.1	28.8	20.5	4.8	.6	.1	.0					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 17972

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.8	2.1	.6	.1	.0	.0					7.8	5.9
NNE	1.1	1.5	1.3	.4	.1							4.4	6.2
NE	.9	1.4	1.2	.3	.0	.0						3.9	6.3
ENE	.8	1.1	.9	.2	.0							3.0	6.0
E	2.1	2.1	.8	.1	.0							5.1	4.5
ESE	1.2	1.4	.5	.1	.0							3.2	4.6
SE	1.3	2.1	.7	.1								4.1	4.9
SSE	1.1	2.2	1.5	.3	.0	.0						5.1	5.9
S	1.8	3.1	2.4	.8	.1	.0	.0					8.2	6.3
SSW	.9	1.5	1.9	.7	.1	.0						5.1	7.2
SW	1.0	1.6	1.3	.7	.1	.0						4.8	6.8
WSW	.7	1.0	.9	.4	.1	.0						3.1	7.0
W	1.3	1.4	1.1	.5	.1							4.3	6.1
WNW	.9	1.0	.7	.2	.0	.0						3.0	5.9
NW	1.2	1.7	1.6	.6	.2	.0						5.3	7.0
NNW	1.2	1.8	1.7	.8	.2	.0						5.8	7.0
VARBL													
CALM												23.7	
	19.8	27.7	20.6	6.9	1.2	.2	.0					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 18818

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-44,50-72  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
MOV  
MONTH  
ALL  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.5	1.8	.7	.2	.0						7.4	6.1
NNE	.9	1.3	.9	.2	.1	.0						3.4	6.1
NE	.7	1.1	.5	.2	.0							2.4	5.5
ENE	.5	1.0	.5	.1	.0							2.2	5.3
E	1.5	1.8	.8	.2	.0							4.3	4.8
ESE	1.1	1.4	.6	.1	.0							3.3	5.0
SE	1.0	1.8	1.2	.3	.0	.0	.0					4.4	6.1
SSE	1.0	2.0	1.5	.6	.1	.0						5.3	6.9
S	1.6	3.8	3.8	1.7	.3	.1	.0					11.2	7.5
SSW	.9	1.7	2.4	1.3	.2	.1						6.6	8.2
SW	.7	1.4	1.7	1.0	.3	.0	.0					5.1	8.2
WSW	.7	1.0	1.4	.9	.2	.0						4.1	8.2
W	1.2	1.8	1.8	.8	.2	.0						5.8	7.1
WNW	.8	1.6	1.7	.9	.1	.0						5.1	7.6
NW	1.0	2.2	2.4	1.5	.3	.1						7.5	8.2
NNW	1.2	2.0	2.1	1.0	.2	.0						6.5	7.2
VARBL													
CALM												15.3	
	17.0	28.4	25.2	11.5	2.2	.4	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 17932

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-44,50-72 DEC  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
ALL  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.7	2.5	.9	.1	.0						7.5	6.8
NNE	.6	1.4	1.4	.4	.0							3.9	6.7
NE	.6	1.4	1.0	.2	.0	.0						3.2	6.2
ENE	.7	1.1	.9	.2	.0	.0	.0					2.9	6.0
E	1.4	1.9	1.4	.3	.0							3.0	5.6
ESE	.8	1.7	1.0	.2	.0							3.7	5.7
SE	.8	2.0	1.3	.4	.1	.0						4.6	6.4
SSE	.7	1.9	1.7	1.0	.1	.0						5.4	7.7
S	1.4	3.2	3.8	2.0	.3	.0	.0					10.8	7.8
SSW	.9	1.6	2.3	1.8	.2	.1						6.8	8.6
SW	.7	1.6	2.2	1.3	.3	.1	.0	.0				6.2	8.8
WSW	.6	1.4	1.8	1.2	.2	.0	.0					5.3	8.6
W	.9	1.5	2.0	1.1	.2	.0	.0					5.7	7.9
WNW	.6	1.2	1.4	.8	.2	.1	.0	.0				4.3	8.3
NW	.7	1.9	2.4	1.2	.3	.0						6.6	8.2
NNW	.8	1.9	2.4	1.0	.1							6.2	7.6
VARBL													
CALM												11.9	
	13.5	28.2	29.5	14.2	2.1	.5	.1	.0				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 18489

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

19806 FORT CAMPBELL KY/CAMPBELL AAF 44-45, 51-72 JAN  
STATION STATION NAME YEARS MONTH  
0000-0200  
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.4	3.3	1.5	.1	.0						9.5	7.3
NNE	.6	1.5	2.1	.5	.0							4.8	6.9
NE	.7	1.0	.6	.3								2.7	6.0
ENE	1.0	1.0	.6	.0								2.6	4.8
E	1.2	2.8	.9	.2								5.1	5.2
ESE	.6	1.0	.5	.1								2.2	5.3
SE	.7	1.5	1.4	.5								4.1	6.6
SSE	1.2	1.3	1.4	.6	.0							4.5	6.5
S	1.5	2.4	2.9	1.5	.4							8.7	7.7
SSW	1.2	1.8	2.3	1.3	.1							6.7	7.5
SW	.5	1.4	1.8	1.2	.3							5.2	8.6
WSW	.5	.7	.8	.4	.0							2.4	7.1
W	1.1	1.5	1.3	1.0	.1	.0						5.0	7.2
WNW	.6	.8	1.0	.8	.1	.1						3.4	8.4
NW	1.0	1.6	2.5	2.4	.5	.3						8.2	9.6
NNW	1.0	1.5	2.0	1.6	.4	.1						6.6	8.9
VARBL													
CALM												18.1	
	14.6	25.3	25.4	13.9	2.2	.5						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2200

DATA PROCESSING BR/CH  
ETAC/USAF  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 44-45, 51-72 YEARS JAN MONTH 0300-0500 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.0	3.4	1.4	.1							9.2	7.5
NNE	.6	1.3	1.7	.4								4.1	7.0
NE	.6	1.2	.7	.1								2.7	5.7
ENE	.8	1.5	.4	.2								2.9	5.3
E	1.7	1.8	1.3	.0								4.5	4.7
ESE	.9	1.8	.9	.2	.0							3.8	5.6
SE	1.1	1.6	1.4	.4								4.5	6.1
SSE	1.4	1.9	1.4	.6								5.4	6.0
S	1.4	2.4	2.7	1.7	.0							8.2	7.6
SSW	.3	1.4	2.2	1.5	.3							6.1	8.5
SW	.6	1.4	2.3	.6	.0							5.1	7.3
WSW	.9	.8	.9	.6	.0							3.3	6.9
W	.6	1.7	1.6	1.0	.1							5.1	7.7
WNW	.7	.6	.9	.5	.1							2.9	7.8
NW	.9	2.4	2.6	1.7	.5	.2						8.3	9.0
NNW	.9	1.4	2.9	1.7	.4	.2						7.5	9.4
VARBL													
CALM												16.6	
	15.2	26.2	27.0	12.8	1.8	.5						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2208

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FLRT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 JAN NORTH  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION

0600-0800  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.0	3.3	2.2	.1							10.1	7.8
NNE	.6	1.8	1.6	.4								4.4	6.6
NE	.5	1.1	.9	.3								2.8	6.4
ENE	.5	1.5	.5	.1								2.6	5.2
E	1.5	2.1	.9	.1								4.6	4.8
ESC	1.4	1.3	.9	.1								3.7	5.1
SE	1.5	2.1	1.9	.3								5.8	5.9
SSE	1.5	2.1	1.9	.8	.2							6.4	6.6
S	1.1	3.1	2.7	1.5	.3	.0						8.7	7.6
SSW	1.0	1.2	2.0	1.5	.4	.1						6.2	8.8
SW	.7	1.4	1.3	1.0	.2							4.6	7.9
WSW	.6	1.0	1.5	.7	.2	.0						4.1	7.9
W	.3	1.6	1.6	.6	.0							4.6	6.9
WNW	.8	1.2	.3	.5	.3	.0						3.7	7.8
NW	1.4	1.5	2.0	1.3	.3	.0						6.5	8.0
NNW	1.0	1.9	3.1	1.9	.3	.0						8.3	8.4
VARBL													
CALM												13.0	
	16.4	27.9	26.8	13.3	2.3	.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2216



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 44-45, 51-72 YEARS JAN MONTH 0900-1100 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0	3.8	1.7	.0	.0						8.2	8.4
NNE	.6	1.5	1.6	.7	.1							4.6	7.5
NE	.6	1.0	1.4	.3								3.3	6.6
ENE	.5	1.5	1.2	.5								3.8	6.7
E	1.1	2.3	1.4	.3								5.0	5.8
ESE	.9	1.5	1.4	.1								3.9	5.8
SE	.9	1.8	1.5	.5								4.7	6.4
SSE	.5	1.7	2.6	.9	.2							5.9	8.2
S	.9	2.6	3.6	2.8	.6	.1						10.6	9.1
SSW	.9	1.5	3.2	2.6	.5	.0						8.9	9.5
SW	.1	.6	3.2	2.3	.3	.1						6.6	10.6
WSW	.3	1.1	2.0	1.4	.2	.1						5.2	9.7
W	.6	2.3	1.9	1.4	.1							6.4	7.8
WNW	.3	1.5	1.7	1.8	.1	.1						5.6	9.3
NW	.4	1.6	2.4	1.9	.3	.0						6.7	9.2
NNW	.4	1.8	3.1	1.9	.3							7.5	8.9
VARBL													
CALM												3.0	
	9.8	26.4	36.1	21.1	3.0	.5						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2212

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 STATION F. RT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 YEARS JAN NORTH  
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.5	3.4	1.0	.1							7.3	7.6
NNE	.4	1.3	1.5	1.2	.0							4.3	8.4
NE	.5	1.1	.7	.4								2.6	6.6
ENE	.4	1.6	.8	.2								3.0	6.0
E	1.0	2.1	1.6	.1								4.8	5.8
ESE	.7	1.3	.7									2.8	5.1
SE	.3	1.5	1.4	.1								3.3	6.3
SSE	.6	1.5	2.0	.9	.2							5.2	8.0
S	.9	1.6	3.1	2.8	.3	.0						8.8	9.3
SSW	.4	1.2	3.1	3.6	1.1	.3						9.6	11.4
SW	.3	.9	3.6	2.5	.3	.5	.0					8.0	10.6
WSW	.3	1.2	2.8	2.3	.8	.1						7.5	10.4
W	.4	1.5	3.7	2.0	.2	.0						7.9	9.2
WNW	.3	1.1	2.3	1.5	.1							5.3	9.1
NW	.5	1.8	3.3	2.3	.5	.0						8.6	9.4
NNW	1.2	1.2	3.7	1.7	.4							8.1	8.6
VARBL													
CALM												2.9	
	9.4	22.5	37.6	22.6	4.1	.8	.0					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 2211

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 YEARS JAN NORTH  
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.7	3.0	1.3	.2							7.6	7.7
NNE	.6	1.4	1.4	.8	.1							4.3	7.3
NE	.8	.9	.7	.2								2.7	5.5
ENE	.5	1.3	1.1	.1								3.1	5.9
E	1.9	2.4	1.2	.2								5.7	4.9
ESE	.7	1.6	.9									3.3	5.3
SE	.5	1.3	.9	.3								2.9	6.2
SSE	.2	1.6	1.5	.8	.2	.0						4.1	8.4
S	1.2	2.3	4.2	2.5	.1							10.4	8.3
SSW	.4	1.0	2.6	2.3	.4	.2						6.9	10.2
SW	.9	2.5	2.6	1.8	.3	.2						8.3	8.5
WSW	.5	1.6	1.9	1.4	.3	.2						5.9	9.0
W	.7	2.5	2.6	1.0	.1	.0						7.0	7.6
WNW	.4	1.0	2.3	1.0	.0	.0						4.8	8.7
NW	.7	1.5	3.4	1.6	.2	.1						7.5	8.6
NNW	.7	2.2	4.2	2.1	.4							9.6	8.6
VARBL													
CALM												5.8	
	12.4	26.9	34.3	17.4	2.4	.8						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2217

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/14C

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13306 FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 JAN  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS 1800-2000  
HOURS (L S T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.9	3.4	1.1	.1							9.3	6.8
NNE	.7	2.3	1.8	.3								4.8	6.4
NE	.5	1.7	.8	.1	.0							3.1	5.7
ENE	1.0	1.1	.7	.1								3.0	5.1
E	1.3	2.3	1.0	.1								4.7	4.9
ESE	1.4	1.2	1.0	.0								3.5	5.0
SE	.6	1.6	1.1	.3								3.8	6.1
SSE	.6	1.4	2.1	.7	.3							5.1	8.2
S	1.2	3.6	3.7	2.6	.1	.0						11.3	7.7
SSW	1.4	2.3	.9	.9	.3	.0						5.7	6.9
SW	.6	1.9	2.0	.8	.2	.1						5.7	8.0
WSW	.7	.9	.7	.7	.1	.0						3.2	8.0
W	.9	2.2	1.0	.6	.2	.1						5.0	7.2
WNW	.6	.9	1.4	.5	.1							3.5	7.3
NW	1.0	1.8	2.7	1.1	.4	.2						7.1	8.6
NNW	1.3	2.2	2.8	1.3	.5							8.1	7.9
VARBL													
CALM												13.1	
	15.7	29.9	27.0	11.4	2.3	.6						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 2265

DATA PROCESSING OF  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806      FORT CAMPBELL KY/CAMPBELL AAF      44-45, 51-72      JAN  
STATION      STATION NAME      YEARS      MONTH  
ALL WEATHER  
CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.5	3.4	1.0	.1							8.5	7.0
NNE	1.3	1.8	2.0	.8	.0							6.0	6.8
NE	1.0	1.6	.8	.2	.1							3.8	5.8
ENE	.8	1.3	1.0	.1								3.2	5.6
E	.7	1.9	.6	.1								3.3	5.2
ESE	.7	1.4	.7	.1	.0							2.9	5.3
SE	1.0	1.5	1.4	.3								4.3	6.0
SSE	1.1	2.3	1.4	.7	.0							5.6	6.4
S	1.4	3.8	3.3	2.1	.5							11.5	7.8
SSW	1.0	1.4	1.2	1.1	.1							4.8	7.7
SW	.8	1.7	1.7	1.1	.1	.0						5.4	7.9
WSW	.4	.5	1.0	.5	.1	.0						2.7	8.5
W	.7	.5	.6	.7	.2							3.4	7.8
WNW	.7	.8	1.5	.7	.2	.1						4.1	8.6
NW	.9	1.4	1.7	1.7	.6	.4	.0					6.7	10.1
NNW	.7	1.4	2.4	1.9	.6	.1						7.1	9.5
VARBL													
CALM												16.9	
	14.8	26.3	25.4	13.1	2.9	.7	.0					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 2208

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 13806 STATION NAME FLRT CAMPBELL KY/CAMPBELL AAF YEARS 44-45, 51-72 MONTH FEB  
CLASS ALL WEATHER HOURS 0000-0200  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.7	2.6	1.7	.2							8.5	7.2
NNE	.3	2.1	1.5	.3								4.8	6.1
NE	.7	1.5	1.2	.1	.1							3.7	6.3
ENE	.9	1.9	1.0	.3								4.1	5.7
E	1.7	2.0	2.2	.3	.0							6.3	6.0
ESE	.6	1.6	.9	.2								3.3	5.7
SE	1.0	1.5	1.1	.2	.0							3.9	6.0
SSE	.6	1.0	.9	.7	.2							3.4	7.8
S	1.1	3.0	3.3	1.3	.3	.1						9.1	7.8
SSW	1.0	1.2	1.3	1.0	.5							4.9	8.4
SW	.6	1.9	1.5	1.0	.2	.0						5.3	8.0
WSW	.7	1.3	.8	.3	.0							3.2	6.3
W	1.4	1.3	.8	.6	.0							4.2	5.9
WNW	.5	1.2	1.0	.7	.1		.0					3.7	8.0
NW	.7	1.6	2.0	.5	.1	.0						5.1	7.5
NNW	1.4	2.1	2.0	1.8	.4	.4						8.2	8.9
VARBL													
CALM												18.3	
	16.0	27.0	24.3	11.2	2.4	.7	.0					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2022

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45, 51-72 FEB  
STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.3	2.7	1.5	.1							8.0	7.2
NNE	.8	1.5	1.8	.6	.0							4.8	6.9
NE	.9	1.5	1.7	.4	.1							4.7	6.9
ENE	1.1	.8	.5	.1	.0							2.5	5.3
E	1.9	2.0	1.7	.4	.1							6.1	5.9
ESE	1.3	1.6	1.0	.3	.0							4.4	5.7
SE	.0	1.6	1.0	.3								3.5	6.2
SSE	.9	1.3	1.1	.6	.1	.0				.0		4.2	7.8
S	1.5	3.2	2.8	1.2	.0	.0						8.8	7.0
SSW	.9	1.2	1.4	1.3	.3	.0						5.3	8.6
SW	.8	1.0	1.2	.4	.2	.1						4.4	7.9
WSW	.2	1.1	.8	.8		.0						2.8	8.3
W	1.1	.9	.8	.6	.1		.0					3.8	7.3
WNW	.9	1.3	1.0	.7		.0						4.0	7.1
NW	.8	2.1	2.6	.8	.3	.1						6.8	7.9
NNW	1.2	1.9	2.0	1.9	.5	.1						7.7	8.8
VARBL													
CALM												18.4	
	16.7	25.4	24.7	12.0	2.2	.5	.0			.0		100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 2020

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF STATION NAME 44-45,51-72 YEARS FEB MONTH 0600-0800 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.9	2.6	1.4	.1							8.5	7.2
NNE	1.0	2.0	1.7	.5								5.1	6.3
NE	.7	1.7	1.6	.3	.1							4.7	6.8
ENE	.6	1.5	1.6	.2								4.2	6.0
E	1.2	2.0	1.5	.4	.2							5.4	6.4
ESE	1.7	1.2	1.3	.3								4.2	5.8
SE	.8	2.4	1.7	.3	.0							5.3	6.2
SSE	.6	1.1	2.3	.7	.1							5.0	7.7
S	1.9	2.7	1.8	1.7	.2							8.4	7.2
SSW	1.1	2.0	1.5	1.1	.5							6.2	8.0
SW	.8	.9	1.3	1.0	.1	.1						4.4	8.4
WSW	.5	.8	.6	.8	.1	.0						2.9	8.4
W	.7	1.4	1.4	.8	.4	.0						4.8	8.3
WNW	.6	1.4	1.1	.5	.2		.0					4.1	7.5
NW	1.0	1.6	1.9	1.0	.1	.3						5.9	8.3
NNW	.8	1.9	2.5	1.5	.4	.1						7.3	8.9
VARBL													
CALM												13.5	
	15.6	27.6	26.9	12.8	2.9	.6	.0					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2020



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/DAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 YEARS FEB MONTH  
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.9	2.9	1.2	.2							8.0	7.6
NNE	.7	1.9	1.8	.7	.1							5.2	7.2
NE	.3	.9	1.9	.5	.1							3.8	8.1
ENE	.4	1.1	1.7	.5								3.7	7.5
E	.6	1.9	2.1	.7	.1							5.4	7.4
ESE	.6	2.0	1.7	.5		.0						4.9	6.9
SE	.8	2.0	1.8	.6			.0					5.2	6.9
SSE	.2	1.2	2.3	1.1	.3	.1		.0				5.3	9.5
S	.7	2.0	3.6	1.6	.4	.2						8.5	8.9
SSW	.1	1.3	2.8	2.4	.9	.1						7.7	10.9
SW	.1	1.0	2.0	3.2	.4	.2	.0					7.0	11.3
WSW	.3	.8	1.7	1.1	.4	.0						4.5	9.9
W	.5	1.4	2.2	2.2	.2	.1						6.6	9.3
WNW	.1	1.1	2.0	1.9	.2	.0						5.4	9.9
NW	.5	1.7	2.7	1.5	.3	.2						6.9	9.1
NNW	.5	1.9	3.0	1.3	.5	.3						9.1	9.1
VARBL													
CALM												3.7	
	7.9	23.2	36.2	21.2	4.2	1.4	.1	.0				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 2020

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

19806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 FEB  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1200-1400  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.7	2.6	1.5	.3							8.3	7.7
NNE	.8	1.6	1.8	.5								4.7	6.7
NE	.6	.8	1.3	.7	.1							3.5	8.1
ENE	.2	1.2	1.3	.4	.0							3.2	7.1
E	.4	1.4	2.2	.7	.0							4.8	7.7
ESE	.7	1.7	1.5	.2								4.1	6.2
SE	.1	1.2	1.2	.3	.0		.0	.0				3.0	8.0
SSE	.2	.8	1.8	.6	.4	.0						3.9	9.7
S	.4	1.5	2.1	2.4	.5	.3						7.2	10.7
SSW	.3	1.5	2.1	2.5	.7	.4	.3					8.0	11.7
SW	.2	1.1	2.1	3.3	1.0	.2	.0					8.0	11.7
WSW	.3	1.4	1.7	1.7	.6	.2	.0					6.1	10.7
W	.5	2.0	2.8	2.6	.5							8.4	9.5
WNW	.7	1.6	2.3	1.9	.6							7.2	9.2
NW	.3	2.1	3.5	2.5	.1	.2						8.8	9.2
NNW	.2	2.0	3.0	1.7	.5	.1	.0					7.7	9.7
VARBL													
CALM												3.2	
	7.2	24.8	33.3	23.6	5.7	1.6	.5	.0				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 2018

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 FEB  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
1500-1700  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.4	3.5	.9	.5							3.2	7.8
NNE	.6	2.2	1.7	.4								5.1	6.5
NE	.7	1.7	1.5	.4								4.4	6.7
ENE	.9	1.3	1.1	.3								3.6	6.0
E	.4	2.1	2.5	.5	.1							5.8	7.5
ESE	.5	1.2	1.0	.2								3.0	6.3
SE	.4	1.2	1.0	.5	.0							3.1	7.1
SSE	.4	1.0	1.0	1.1	.2	.0						3.8	9.3
S	.7	1.1	2.3	1.8	.1	.0						6.1	9.1
SSW	.2	1.0	1.9	2.1	.5	.0						5.8	10.7
SW	.4	1.9	2.8	2.2	.9	.3						8.6	10.6
WSW	.4	1.8	2.4	1.7	.5	.2	.0	.1				7.2	10.3
W	.4	1.9	3.6	1.9	.3	.1						8.4	9.2
WNW	.4	1.4	2.5	1.7	.1	.0						6.3	9.1
NW	.7	2.1	2.5	1.7	.2	.3						7.6	9.0
NNW	.9	2.4	3.9	1.4	.6	.1						9.3	8.7
VARBL													
CALM												3.9	
	9.1	26.6	35.5	19.1	4.4	1.3	.0	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2017

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806	FORT CAMPBELL KY/CAMPBELL AAF	44-45, 51-72	FEB
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			1800-2000
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.6	3.1	1.4	.2							9.9	7.1
NNE	1.0	2.6	2.0	.0								5.8	5.7
NE	1.2	1.8	1.3	.1								4.5	5.6
ENE	1.2	1.0	.6	.3								3.2	5.5
E	1.8	2.3	1.7	.4	.0							6.4	5.6
ESE	.7	1.7	1.1	.1		.0						3.7	5.8
SE	.9	1.2	.9	.3	.1	.0						3.5	6.7
SSE	.5	1.0	1.4	1.2	.0							4.2	8.4
S	1.1	2.5	2.3	1.0	.2							7.2	7.5
SSW	.9	1.4	1.4	.5	.4							4.7	7.7
SW	.8	2.4	1.9	1.4	.2							6.9	7.6
WSW	.6	1.6	1.2	.4	.4	.0						4.7	7.5
W	1.7	2.3	1.8	.2	.1	.1		.0				6.4	6.3
WNW	1.1	1.8	1.0	.2	.2	.1						4.5	6.4
NW	1.0	1.9	2.8	.9	.3	.2	.1					7.2	8.4
NNW	1.3	2.1	2.2	1.1	.4	.1						7.3	8.0
VARBL													
CALM												9.9	
	18.1	31.4	27.0	9.9	2.8	.7	.1	.0				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2014

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 YEARS FEB MONTH  
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.5	3.0	1.6	.1							9.8	7.0
NNE	1.1	1.9	1.6	.3								5.0	6.0
NE	1.0	2.3	1.4	.4	.0							5.1	6.0
ENE	1.2	1.4	.5	.2		.0						3.4	5.4
E	1.4	2.3	1.9	.3	.0							6.0	5.9
ESE	.3	1.2	.4	.2								2.7	5.1
SE	.7	1.4	1.4	.2								3.7	6.2
SSE	.4	1.0	1.6	.9	.0	.0						4.1	8.4
S	1.0	2.9	2.6	1.0	.4							7.9	7.5
SSW	1.0	1.5	1.8	.7	.3	.0						5.3	7.9
SW	1.2	1.3	2.0	.8	.3							5.7	7.6
WSW	.6	.7	1.0	.6	.2	.1						3.2	8.7
W	1.2	1.0	.6	.9	.0	.0						3.8	7.2
WNW	.8	1.4	1.0	.5	.1	.0						4.0	7.2
NW	.7	1.9	2.1	.8	.3	.1						5.9	8.4
NNW	1.2	1.7	2.2	1.7	.3	.0						7.3	8.4
VARBL													
CALM												17.0	
	16.1	27.6	25.2	11.3	2.3	.5						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 2020

DATA PROCESSING DIV OF  
ETAC/USAF  
AIR WEATHER SERVICE/44C

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 AR  
STATION STATION NAME YEARS NORTH  
ALL WEATHER  
CLASS  
CONDITION  
0000-0200  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.5	2.3	.9	.1							7.0	6.8
NNE	1.0	1.5	1.3	.6	.1							4.5	7.0
NE	.8	1.6	1.3	.5								4.2	6.7
ENE	.5	1.4	1.0	.2								3.1	6.5
E	1.0	1.8	1.0	.2	.1							4.1	5.8
ESE	.8	1.2	.8	.5	.0							3.3	6.5
SE	.8	1.9	1.6	.6								5.0	6.6
SSE	1.2	1.9	1.0	.7	.0							4.9	6.4
S	1.3	3.5	3.2	1.7	.2	.0						10.4	7.4
SSW	1.3	1.7	.9	1.1	.5	.1						5.7	8.1
SW	.7	1.4	1.8	1.3	.3	.1						5.5	8.5
WSW	.6	.9	1.0	.6	.3	.1	.1	.0				3.7	9.4
W	1.2	1.4	1.1	1.0	.1	.0						4.8	7.3
WNW	1.0	.0	1.1	.6	.4	.0						4.2	8.1
NW	.9	1.7	2.2	.9	.3	.1	.0					5.0	8.1
NNW	.9	1.3	1.7	.6	.1	.1						4.7	7.8
VARBL													
CALM												18.9	
	15.6	26.6	23.5	11.9	2.6	.7	.1	.0				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2220

DATA PROCESSING UNIT CH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806  
STATION

F. RT. CA. PUELL KY/CAMPBELL AAF  
STATION NAME

44-45, 51-72  
YEARS

AR  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.1	1.9	1.5	.2	.0						6.7	7.9
NNE	.6	1.8	1.9	.2								4.5	6.3
NE	.6	1.7	1.7	.6								4.7	6.7
ENE	.6	.9	1.4	.3	.1							3.2	7.3
E	.3	1.8	1.6	.3	.1							4.6	6.6
ESE	1.4	1.6	.5	.4								3.9	5.1
SE	1.2	1.6	1.2	.6	.0		.0					4.7	5.3
SSE	1.2	1.6	1.3	.8								4.9	6.6
S	1.7	3.3	2.8	1.5								9.3	6.8
SSW	.3	1.5	1.4	1.1	.1	.1						5.0	8.2
SW	.4	1.2	1.3	1.0	.3	.1						4.8	9.0
WSW	.5	1.2	.5	.6	.2	.1						3.2	8.3
W	.9	1.6	1.4	1.1	.4	.2		.0				5.6	9.1
WNW	1.1	1.7	.8	.7	.1	.0						4.4	6.8
NW	1.0	1.4	2.3	1.2	.1	.3						6.3	8.6
NNW	.7	1.6	1.4	.9	.1							4.7	7.3
VARBL													
CALM												19.4	
	14.6	26.6	23.8	12.8	1.8	.9	.0	.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

2221

DATA PROCESSING DIV OF  
ETAC/USAF  
AIR WEATHER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 F. RT CAMPBELL KY/CAMPBELL AAF 44-45,51-72  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.7	1.7	1.0	.1	.1						5.5	7.6
NNE	.7	1.2	1.4	.7	.0							4.0	7.1
NE	.5	1.6	1.7	.6	.0	.0						4.5	7.2
ENE	.8	1.4	1.3	.8	.1	.0						4.1	7.6
E	1.2	1.9	1.8	.6								5.6	6.5
ESE	.7	1.9	1.1	.7								4.4	6.3
SE	.7	2.5	1.5	.4	.0							5.2	6.1
SSE	1.0	1.9	2.3	.5	.0							5.8	6.5
S	1.1	2.8	3.4	1.5	.2							9.1	7.5
SSW	.9	2.0	1.7	1.7	.5	.3						7.0	9.2
SW	.6	1.5	1.9	1.3	.7	.0	.0					6.2	9.6
WSW	.9	1.1	1.5	1.3	.2	.0						5.0	8.3
W	.8	1.3	1.8	1.3	.3	.2						5.7	9.2
WNW	.4	1.3	2.1	.7	.5							5.6	8.9
NW	.6	1.5	1.9	1.2	.5	.1						5.8	8.9
NNW	.6	1.5	2.3	1.2	.1	.1						5.7	8.3
VARBL													
CALM												11.5	
	12.3	27.2	29.3	15.4	3.4	.9	.0					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2219



DATA PROCESSING BR. C.  
ETAC/LSAF  
AIR WEATHER SERVICE/ IAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45/51-72 MAR  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 0900-1100  
CLASS HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.3	3.0	.9	.1	.1						6.0	8.5
NNE	.4	1.1	1.9	.4	.1							3.8	7.1
NE	.3	1.0	1.1	.5	.0							2.8	7.5
ENE	.5	1.1	1.7	.5								3.0	7.1
E	.6	1.5	2.2	1.1	.1	.0						5.6	8.1
ESE	.4	1.4	1.9	.5	.0	.0						4.3	7.5
SE	.4	1.2	1.6	.6	.2							4.1	8.2
SSE	.4	1.2	2.0	.9	.1	.1						5.5	8.6
S	.4	1.8	4.6	3.1	.3	.1						10.3	9.6
SSW	.1	.9	2.7	3.2	1.0	.2						8.1	11.7
SW	.4	.6	2.3	3.1	.9	.3						7.6	11.7
WSW	.1	.9	3.1	2.3	.7	.4	.1					7.5	11.7
W	.5	1.3	2.7	2.5	.9	.2						7.9	10.6
WNW	.2	1.2	2.7	1.5	.7	.2						6.5	10.2
NW	.1	1.7	3.0	1.9	.5		.0					7.3	9.7
NNW	.4	1.8	3.2	1.3	.2	.1						7.0	8.7
VARBL													
CALM												1.8	
	5.6	19.9	40.4	24.3	6.0	1.8	.2					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 2218

DATA PROCESSED BY  
ETAC/USAF  
AIR WEATHER SERVICE/PAL

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45, 51-72 YEAR  
STATION STATION NAME YEARS MONTH  
ALL WEATHER CLASS 1200-1400  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.4	3.1	1.3	.3							7.7	8.2
NNE	.3	1.2	1.4	.6	.1							3.6	7.8
NE	.2	.9	.9	.1	.1							2.3	7.0
ENE	.2	.8	1.2	.3	.0	.0						2.6	7.8
E	.7	1.7	1.8	1.0								5.3	7.4
ESE	.2	1.1	1.4	.7	.1							3.5	8.1
SE	.3	.9	1.4	.7	.2							3.5	8.7
SSE	.3	.8	1.6	1.7	.1	.0	.1					4.7	10.0
S	.3	1.3	2.6	3.6	.5	.2						8.5	10.9
SSW	.2	.7	2.4	3.4	1.2	.3						8.2	12.3
SW	.3	1.1	2.1	3.6	.9	.3	.0	.0				8.2	11.9
WSW	.1	.7	3.1	2.7	.9	.5	.2					8.1	12.5
W	.4	1.4	3.0	3.5	.9	.3	.1	.1				9.5	11.6
WNW	.3	.7	2.5	2.1	.4	.1	.0					6.2	10.6
NW	.3	1.7	2.9	2.6	.2	.3						7.9	9.9
NNW	.4	1.5	3.0	2.3	.5	.0						8.6	9.5
VARBL													
CALM												1.7	
	5.1	18.8	35.2	30.3	6.3	2.0	.5	.1				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 2222

DATA PROCESSING DIV OF  
ETAC/USAF  
AIR WEATHER SERVICE/AC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806	FORT CAMPBELL KY/CAMPBELL AAF	44-45, 51-72	JAN
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			1500-1700
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.9	3.3	1.5	.3							7.8	8.3
NNE	.6	1.4	1.7	1.0								4.7	7.6
NE	.4	.8	.9	.5	.0							2.6	7.5
ENE	.6	1.9	.9	.2								3.6	6.0
E	.7	1.9	1.8	.9	.1	.0						5.4	7.6
ESE	.4	.8	1.4	.3	.1							3.0	7.8
SE	.4	.8	1.4	1.0	.1							3.7	9.0
SSE	.1	.7	1.5	1.0	.2	.1	.0					3.7	10.1
S	.4	1.2	3.2	3.5	.7							9.1	10.4
SSW	.2	.9	2.2	3.2	.7	.4						7.5	11.8
SW	.1	.8	2.4	2.6	.8	.2	.1					7.1	11.9
WSW	.2	1.1	2.6	2.4	.8	.3						7.4	11.3
W	.5	1.4	3.4	2.7	.9	.5						9.3	10.7
WNW	.3	1.3	2.2	2.0	.2	.2						6.1	9.8
NW	.4	1.7	3.1	1.5	.4	.1						7.1	9.3
NNW	.6	2.7	3.9	2.0	.4	.1						9.7	8.8
VARBL													
CALM												2.3	
	6.5	21.3	35.7	26.4	5.7	1.9	.2					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 2220

DATA PROCESSING SKN CM  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 13806 STATION NAME FLRT CAMPBELL KY/CAMPBELL AAF YEARS 44-45, 51-72 MONTH AR  
CLASS ALL WEATHER 1800-2000  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.9	3.0	3.5	1.4	.2							10.0	7.1
NNE	.9	2.0	1.1	.5	.0							4.5	6.3
NE	.5	1.5	1.2	.7								4.0	7.1
ENE	1.1	1.3	.5	.3	.3							3.3	5.7
E	2.0	2.6	1.4	.5	.0							6.6	5.7
ESE	.5	1.1	1.3	.5	.0							3.4	7.2
SE	.4	1.3	1.4	.7	.2							3.9	7.9
SSE	.4	1.7	2.0	.9	.0	.0						5.0	8.1
S	.6	2.7	3.3	2.0	.3							8.9	8.3
SSW	.6	1.5	2.2	1.7	.2	.0						6.2	8.8
SW	.9	1.2	1.4	.8	.4	.1	.0					4.9	8.5
WSW	1.1	1.7	1.4	.9	.2		.0					5.4	7.4
W	1.4	2.5	1.9	1.2	.1		.0					7.2	7.2
WNW	.9	1.2	1.1	.4	.0	.1	.0					3.9	7.3
NW	1.2	2.3	1.8	1.0	.1							6.3	6.9
NNW	.0	1.6	2.3	1.2	.1	.1						6.0	8.2
VARBL													
CALM												10.4	
	15.3	29.0	27.9	14.8	2.0	.5	.2					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2221

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 13806 STATION NAME FORT CAMPBELL KY/CAMPBELL AAF YEARS 44-45, 51-72 MONTH AR  
CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.4	2.3	1.0	.1	.0						7.7	7.2
NNE	1.4	2.0	1.1	.7	.1							5.3	6.3
NE	1.2	2.3	.9	.4	.2							4.9	6.1
ENE	.2	1.6	1.6	.1								3.6	6.7
E	.9	2.2	1.5	.2	.0							4.9	6.0
ESE	.6	1.7	1.0	.5								3.7	6.4
SE	.3	1.5	1.9	.4	.1							4.2	7.3
SSE	.3	1.9	1.9	.7	.1	.0						5.5	7.3
S	1.2	4.4	3.8	1.6	.3	.1						11.4	7.5
SSW	.7	1.4	1.8	1.6	.4	.2						6.1	9.2
SW	.3	1.3	1.7	.5	.2	.1						4.6	7.8
WSW	.8	.9	1.0	.5	.2							3.3	7.5
W	.3	1.2	1.1	1.1	.3	.0						4.5	8.6
WNW	.9	.7	.8	.3	.3	.1	.0					3.2	8.1
NW	.5	1.6	1.7	1.3	.1	.1						5.2	8.6
NNW	1.2	1.5	1.3	.8	.2	.2						5.8	7.6
VARBL													
CALM												16.1	
	13.6	28.6	26.5	11.7	2.6	.9	.0					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 2217

DATA PROCESSING 34 CM  
ETAC/USAF  
AIR WEATHER SERVICE/JAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,50-72 APR  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
0000-0200  
HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.7	1.8	.7	.1							5.5	6.7
NNE	.9	1.7	1.1	.3	.1	.0						4.1	6.3
NE	1.5	1.6	1.1	.2								4.4	5.2
ENE	.6	1.0	.9	.2								2.8	6.2
E	1.6	1.8	1.3	.3								5.0	5.5
ESE	1.1	2.0	.5	.2	.0							4.2	5.4
SE	1.2	2.0	1.5	.3	.0							5.1	5.9
SSE	.9	2.5	1.5	.8	.2	.1						5.9	7.4
S	1.6	4.0	4.2	1.6	.2	.0						11.6	7.4
SSW	1.2	1.5	1.8	1.4	.3							6.3	8.0
SW	1.0	1.4	1.7	1.1	.1	.1						5.4	7.7
WSW	.7	1.2	1.3	.6	.1							4.0	7.4
W	.9	1.2	1.2	.8	.1	.1						4.3	7.5
WNW	.7	1.1	.6	.5	.1	.0						3.1	7.1
NW	.5	1.2	1.3	.8	.1	.1						4.6	8.4
NNW	1.1	1.0	1.3	.4								3.8	6.2
VARBL													
CALM												19.9	
	16.6	27.0	23.7	10.4	1.5	.6						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2163

DATA PROCESSING SECTION  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 44-45, 50-72 YEARS APR MONTH  
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.6	1.6	.4	.1							5.8	5.7
NNE	.7	1.7	1.1	.5								4.7	6.6
NE	.3	1.4	.9	.2								3.3	5.8
ENE	.9	1.2	1.1	.3								3.5	5.7
E	1.7	1.9	1.3	.7								5.6	6.0
ESE	1.5	1.7	.6	.2								4.2	5.2
SE	1.4	2.1	1.5	.2	.1							5.4	5.7
SSE	1.2	2.4	1.7	.6	.2							6.0	6.8
S	1.7	5.0	2.9	1.2	.3							11.1	6.8
SSW	.7	1.6	2.9	1.4	.2							6.8	8.3
SW	.9	1.4	2.3	1.3	.0	.1						6.0	8.2
WSW	.7	1.1	1.0	.6	.3							3.7	7.9
W	1.1	1.1	1.0	.5	.1	.0						3.9	6.9
WNW	1.2	.8	.5	.4	.6							3.5	7.7
NW	.7	1.3	1.6	.6	.1							4.4	7.3
NNW	.9	1.1	1.4	.3								3.7	6.3
VARBL													
CALM												19.0	
	18.0	27.8	23.5	9.6	2.0	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2163

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45, 50-72  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

7600-0800  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.5	2.2	.7	.2	.1						5.9	7.4
NNE	.4	1.1	1.7	.3	.1							3.5	7.3
NE	.5	1.2	1.3	.6								3.6	7.2
ENE	.6	.9	1.5	.3								3.3	6.6
E	1.6	2.5	1.8	.5								6.5	5.9
ESE	.5	2.1	1.2	.7								4.6	6.7
SE	.9	2.5	2.1	.5								5.9	6.4
SSE	.9	3.0	2.5	.6	.1	.0						7.2	6.8
S	1.2	3.2	4.2	1.7	.2							10.6	7.7
SSW	1.0	1.8	3.6	2.6	.2	.0						9.3	8.7
SW	.9	1.7	2.8	1.9	.6							7.9	9.2
WSW	.7	1.1	1.8	1.1	.4	.1						5.3	9.0
W	.5	1.2	1.5	.8	.2	.0						4.3	8.6
WNW	.9	1.3	.9	.7	.1							4.0	7.5
NW	.6	1.4	1.3	1.2	.3							4.9	8.6
NNW	.3	.9	1.6	.7	.1	.0						3.7	8.6
VARBL													
CALM												9.7	
	12.8	27.5	32.2	15.0	2.5	.4						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2163



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12806 STATION FORT CAMPBELL KY/CAMPBELL AAF 44-45, 50-72 YEARS  
APK MONTH  
7900-1100 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.1	2.3	.9	.1	.1						5.1	7.7
NNE	.1	1.3	1.7	.7	.0	.1						3.7	8.8
NE	.1	1.5	2.0	.3								4.0	7.4
ENE	.2	.7	1.1	.5								2.5	7.9
E	.6	1.8	2.4	.8	.0							5.6	7.5
ESE	.5	1.3	1.6	.4	.0	.0						3.8	7.2
SE	.4	1.2	1.5	.6	.1	.0						2.8	7.8
SSE	.5	1.8	2.8	1.1	.1	.0						6.3	8.4
S	.6	1.8	4.4	3.5	.3	.1						10.7	9.7
SSW	.3	1.1	3.7	4.0	.9	.2						10.2	11.4
SW	.1	.5	3.6	3.9	.9	.5						9.4	12.2
WSW	.3	1.0	3.1	2.7	.9	.4						8.5	11.3
W	.5	1.4	2.3	1.7	.6	.1						6.5	10.0
WNW	.3	1.3	1.9	1.2	.6							5.4	9.7
NW	.3	1.1	1.8	1.9	.5	.0						5.6	10.1
NNW	.4	1.1	2.8	1.8	.2	.0	.0					6.1	9.6
VARBL													
CALM												1.5	
	5.6	20.8	38.7	26.2	5.3	1.8	.0					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 2161

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AAO

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,50-72 APR  
STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1200-1400  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.3	2.6	1.0		.0						6.8	7.5
NNE	.4	1.3	1.2	.7								3.7	7.7
NE	.4	1.5	1.2	.6								3.1	6.0
ENE	.5	1.2	1.3	.3								3.2	6.7
E	.5	2.1	2.1	.6								5.4	6.9
ESE	.2	1.5	1.0	.4								3.1	6.9
SE	.3	.9	1.1	.7	.2	.0						3.2	8.7
SSE	.2	.9	1.2	1.6	.5	.1						4.5	10.6
S	.4	1.8	3.5	3.3	.6	.2						9.9	10.4
SSW	.3	.8	2.9	4.2	1.0	.3						9.5	11.9
SW	.2	.8	2.5	4.7	1.2	.5						9.9	12.6
WSW	.3	1.0	3.0	2.4	.8	.7						8.3	11.7
W	.5	1.4	2.8	2.2	.7	.3						7.9	10.7
WNW	.1	1.2	2.0	1.4	.3	.1						5.1	9.8
NW	.3	1.2	1.9	2.4	.4							6.3	10.1
NNW	.7	1.7	3.1	2.2	.2							7.9	8.9
VARBL													
CALM												2.1	
	6.4	21.6	33.4	28.2	5.9	2.4						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 2161

DATA PROCESSING SECTION  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FLRT CAMPBELL KY/CAMPBELL AAF 44-45,50-72 APR  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.5	3.0	1.5	.1							7.2	8.0
NNE	.6	.9	1.5	.5	.1							3.6	7.5
NE	.5	1.0	1.6	.2								3.3	6.6
ENE	.9	1.5	1.2	.2								3.8	5.9
E	.9	2.6	2.1	.5								6.1	6.4
ESE	.5	.9	1.1	.3								2.8	6.8
SE	.1	.7	1.4	.9	.1							3.2	9.4
SSE	.2	.8	2.2	1.5	.3							5.1	9.7
S	.4	1.7	2.6	2.4	.5	.1						7.9	9.7
SSW	.4	1.6	2.9	4.2	.6	.1	.0					9.7	10.7
SW	.2	.8	2.9	3.1	.7	.3						8.1	11.4
WSW	.3	1.0	2.5	2.4	1.0	.2	.0					7.4	11.4
W	.8	1.7	3.1	2.4	.7	.2	.0					9.1	9.9
WNW	.3	1.1	2.0	1.8	.6	.0						5.8	10.1
NW	.6	1.6	2.1	2.1	.1	.0						6.5	8.9
NNW	.5	2.1	3.4	1.6	.5							8.0	8.7
VARBL													
CALM												2.4	
	8.2	21.6	35.7	25.5	5.4	1.0	.1					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 2163

DATA PROCESSING CENTER  
ETAC/USAF  
AIR WEATHER SERVICE/ IAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,50-72 APR  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1300-2000  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.3	2.7	.9								7.7	6.6
NNE	.8	1.8	1.0	.6	.1							4.2	6.6
NE	.8	1.5	.6	.2								3.1	5.3
ENE	1.3	1.5	.6	.1								3.5	4.8
E	2.2	2.6	1.5	.4	.0	.0						6.9	5.4
ESE	1.0	1.1	.4	.1	.1							2.9	5.6
SE	.6	1.7	2.3	.5								5.0	7.0
SSE	.3	1.7	2.1	1.0	.2	.0						5.8	7.8
S	1.1	3.2	3.2	1.8	.2							9.5	7.7
SSW	.3	1.8	2.1	1.9	.2							6.6	8.5
SW	.4	1.9	1.4	1.1	.2							5.5	7.7
WSW	.6	1.4	1.9	1.3	.1	.2		.0				5.6	8.9
W	1.9	2.4	1.2	.7	.3	.1						6.5	6.7
WNW	.9	1.1	1.3	.4	.1	.1		.1				3.8	7.8
NW	.4	1.5	1.6	.6	.0							4.7	6.8
NNW	1.3	1.7	1.9	1.2	.2							6.4	7.4
VARBL													
CALM												12.4	
	17.6	29.2	25.4	12.8	2.0	.5		.1				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 2158

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FLRT CAMPBELL KY/CAMPBELL AAF 44-45,50-72 APR  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
2100-2300  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.3	2.2	.6	.1	.0						5.8	6.3
NNE	1.1	2.2	1.2	.2	.1							4.7	5.6
NE	.9	1.3	.7	.4								3.3	5.9
ENE	.6	1.1	.6	.0								2.4	5.2
E	1.5	2.2	1.2	.4	.7							4.8	6.1
ESE	1.2	1.3	.5	.3	.0							3.3	5.5
SE	.8	2.2	1.3	.6								5.0	6.5
SSE	1.0	2.5	2.1	1.1	.1							6.7	7.3
S	1.7	3.8	3.1	1.9	.3							10.9	7.5
SSW	1.7	1.7	2.4	.9	.3							6.9	7.1
SW	1.2	1.6	1.8	1.2	.1	.0						5.9	7.5
WSW	.5	1.1	1.3	.9	.1	.0						3.9	8.5
W	.7	1.2	1.3	.8	.2	.0						4.3	7.8
WNW	.7	1.0	.6	.3	.1	.1						2.9	7.2
NW	.6	1.3	1.3	.6	.1	.0						4.0	7.5
NNW	1.2	1.5	1.7	.4	.1	.1						5.0	6.6
VARBL													
CALM												19.2	
	16.6	28.2	23.3	10.4	1.7	.4						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2163

DATA PROCESSING 3-10 OF  
ETAC/USAF  
AIR WEATHER SERVICE/ IAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 F.P.T CAMPBELL KY/CAMPBELL AAF 44-45,51-72 AY  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0000-0200  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	2.0	.7	.4	.1	.0						6.0	4.7
NNE	1.1	1.4	.5	.1								3.1	4.6
NE	.7	1.2	.6	.0								2.6	5.1
ENE	.0	.6	.0	.1								2.3	5.4
E	1.4	1.6	.8	.1								3.9	4.7
ESE	.8	1.2	.4	.1								2.5	5.0
SE	1.2	1.8	.9									3.9	5.0
SSE	1.1	2.3	1.7	.5	.0	.0						5.7	6.2
S	2.3	4.1	3.2	.9	.1							10.6	6.2
SSW	.4	1.7	1.7	.7	.0							5.5	6.4
SW	1.8	1.6	.9	.2								4.6	5.0
WSW	1.1	1.4	.8	.0								2.3	5.1
W	1.0	1.0	.8	.2								3.0	5.5
WNW	.8	.6	.5	.5								2.3	6.4
NW	1.0	.5	.7	.3	.1							2.5	6.6
NNW	1.4	1.2	.5	.2	.0							3.3	5.0
VARBL													
CALM												34.2	
	20.7	24.1	13.5	4.4	.4	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 2220

DATA PROCESSING UNIT  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 AY  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 0300-0500  
CLASS HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	2.1	1.3	.6	.1	.0						6.4	5.6
NNE	1.4	1.4	.5	.1								3.5	4.6
NE	.9	1.0	.4									2.4	4.7
ENE	.9	1.2	.5	.1								2.7	5.0
E	2.1	1.3	.5	.1								4.1	4.2
ESE	1.2	.9	.7	.1								2.7	5.0
SE	1.8	1.4	.7	.0								4.0	4.5
SSE	1.2	2.1	1.7	.2								5.3	5.7
S	2.0	4.0	2.8	1.0	.1							9.9	6.4
SSW	1.1	2.0	1.6	.8								6.1	6.3
SW	1.2	1.7	.4	.2								3.4	4.8
WSW	.9	1.3	.7	.2	.0							3.1	5.6
W	1.3	1.2	.6	.4								3.5	5.3
WNW	.6	.4	.5	.2		.0						1.8	6.7
NW	.6	1.3	.6	.2	.0							2.9	5.9
NNW	.9	.9	.9	.6								2.9	5.2
VARBL													
CALM												35.4	
	20.5	24.9	14.4	4.4	.3	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 2227

DATA PROCESSING CENTER  
ETAC/USAF  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 13806 STATION NAME FORT CAMPBELL KY/CAMPBELL AFB YEARS 44-45, 51-72 DAY MONTH 0600-0800 HOURS (L.S.T.)

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.1	2.7	1.6	.4		.1						6.1	6.4
NNE	.9	2.2	1.4	.4								4.8	6.2
NE	.7	1.4	1.3	.2								3.5	6.0
ENE	.6	1.5	1.3	.4								3.7	6.3
E	1.7	2.3	1.1	.3								5.2	5.2
ESE	1.1	1.8	.5	.2								3.5	5.1
SE	1.5	1.8	1.6	.1								5.0	5.4
SSE	1.5	2.3	1.9	.5	.0							5.2	6.0
S	2.6	4.5	4.2	1.0	.1							12.3	6.3
SSW	1.4	2.7	3.3	1.8	.3	.0						9.5	7.8
SW	1.3	2.7	2.3	.9	.1	.0						7.4	6.9
WSW	.9	1.5	1.2	.7	.2							4.5	7.3
W	.9	1.6	1.2	.8	.1							4.5	7.2
WNW	.7	.9	.4	.4	.1							2.4	6.8
NW	.5	1.6	.6	.6	.1							2.9	7.5
NNW	.6	1.3	.7	.3		.0						2.9	6.3
VARBL													
CALM												15.4	
	17.7	32.2	24.6	9.0	1.0	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2221



DATA PROCESSING ON  
 FTAC/USAF  
 AIR WEATHER SERVICE/ AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF STATION NAME 44-45,51-72 YEARS MONTH NORTH 0900-1100 HOURS (L.S.T.)  
 ALL WEATHER CLASS  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.8	2.0	.7	.0	.1						5.7	7.0
NNE	.5	1.8	2.2	.5	.0							5.7	7.2
NE	.5	1.6	.9	.2								3.2	6.2
ENE	.5	1.7	1.0	.4								3.5	6.5
E	1.3	2.5	1.6	.2								5.6	5.5
ESE	.7	1.4	1.1	.3								3.4	6.0
SE	.5	1.7	1.0	.2								3.4	6.0
SSE	.8	1.4	1.7	.4	.0	.0						4.5	6.8
S	.9	3.1	4.5	2.0	.5	.1						11.0	8.3
SSW	.5	2.5	4.0	2.2	.6	.4	.0					10.1	9.7
SW	.5	1.9	4.4	3.5	.4	.3						10.9	9.9
WSW	.9	2.2	4.0	1.7	.3	.1						9.2	9.4
W	1.3	1.9	3.0	1.4	.2	.1						8.0	8.2
WNW	.0	.9	1.4	.6	.3							4.1	8.4
NW	.3	1.3	1.5	.7	.3							4.6	7.8
NNW	.5	1.4	1.4	.4	.1	.1						3.9	7.2
VARBL													
CALM												3.8	
	11.8	29.1	35.7	15.6	2.8	1.2	.0					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 2218

DATA PROCESSING FOR CH  
 FTAC/USAF  
 AIR WEATHER SERVICE/AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

19806 STATION FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 YEAR DAY MONTH 1200-1400  
 ALL WEATHER CLASS  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.5	2.3	1.4	.0	.1						7.3	7.9
NNE	.2	1.9	1.5	.6	.1							4.5	7.0
NE	.4	1.4	.9	.2								3.0	6.7
ENE	1.0	1.5	1.5	.2								4.2	6.0
E	.0	1.0	1.2	.1								3.9	5.8
ESE	.5	1.5	.7									2.6	5.3
SE	.5	1.1	.8	.1								2.5	6.1
SSE	.5	1.4	1.0	.8	.0	.0						4.5	7.7
S	1.1	2.2	4.3	2.0	.3	.0						9.9	3.3
SSW	.6	1.9	3.7	3.3	.5	.3						17.4	10.1
SW	.4	1.5	3.6	2.6	.5	.2						8.9	10.1
WSW	.6	2.4	3.7	2.5	.5	.0	.1					9.9	9.4
W	.9	2.3	3.6	1.9	.1	.1	.0					9.1	8.5
WNW	.5	1.8	1.1	1.4	.3	.1						5.1	9.0
NW	.5	1.5	1.8	1.1	.2	.0						5.2	8.4
NNW	.6	2.0	2.0	.9	.2	.1						5.8	7.9
VARBL													
CALM												3.2	
	10.3	28.7	34.6	19.2	2.8	1.1	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 2220

DATA PROCESS: 1-1-60  
ETAC/USAF  
AIR WEATHER SERVICE/ SAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45, 51-72 AY  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 1500-1700  
CLASS HOURS (L.S.T.)  
CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.5	2.9	.9	.2							7.7	7.1
NNE	.7	1.4	1.6	.7	.1							4.5	7.3
NE	.5	1.2	1.3	.2	.1							3.2	7.0
ENE	.5	1.7	.6	.2								3.1	5.7
E	1.3	2.7	1.4	.1	.2							5.6	5.4
ESE	.6	1.2	.9	.0								2.7	5.4
SE	.0	1.1	.6	.1	.0	.0						2.6	5.9
SSE	.4	1.3	2.3	.5	.0							4.6	7.9
S	1.1	2.1	3.3	2.0	.1	.0						9.2	7.3
SSW	.4	2.4	3.8	2.2	.3	.1						9.1	9.0
SW	.7	2.4	4.6	2.9	.3							10.9	9.9
WSW	.7	2.0	2.7	1.5	.2		.0	.0				7.3	8.6
W	1.2	2.6	3.0	1.5	.3	.0						9.6	7.8
WNW	.6	1.6	1.4	1.1	.2							4.9	7.9
NW	.7	1.8	1.8	1.3	.1							5.7	7.9
NNW	.7	2.3	2.3	.7	.2	.1						6.3	7.6
VARBL													
CALM												4.1	
	11.6	30.2	35.2	16.0	2.3	.4	.0	.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2221

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE/IAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 F RT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 DAY  
STATION NAME YEARS MONTH  
ALL WEATHER 1800-2000  
CLASS HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.3	2.2	.3	.5							7.4	5.7
NNE	1.2	2.3	1.3	.4	.0							5.5	5.9
NE	1.1	1.3	.5	.1								3.0	4.9
ENE	.5	1.1	.3									2.4	4.6
E	1.5	1.9	.6									4.0	4.3
ESE	.9	1.2	.6	.0								2.9	5.1
SE	.9	1.8	.7	.0		.0						3.5	5.2
SSE	.4	1.9	1.6	.3								4.6	6.3
S	3.2	4.7	3.3	1.1	.1	.0						11.4	6.2
SSW	1.4	2.2	2.1	.7	.0							6.4	6.5
SW	2.2	2.2	1.8	.7	.0							6.9	5.8
WSW	1.4	1.4	.9	.2	.0							4.0	5.1
W	1.7	2.2	1.4	.3	.0							5.6	5.4
WNW	1.2	1.1	.6	.4								3.3	5.4
NW	1.3	1.3	.7	.2	.0							3.8	5.5
NNW	1.3	1.1	.3	.2	.0							3.4	5.4
VARBL													
CALM												21.7	
	22.2	30.0	20.6	4.9	.5	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2222

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/ AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 AY  
STATION STATION NAME YEARS NORTH  
ALL WEATHER  
CLASS  
CONDITION  
2100-2300  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.3	1.2	.2								5.7	5.0
NNE	1.5	1.6	.9	.2								4.2	5.0
NE	1.2	1.4	.8	.0								3.4	4.8
ENE	.8	1.0	.7	.1								2.5	5.5
E	1.4	1.2	1.1	.2								3.8	5.1
ESE	.7	1.3	.8	.1								2.9	5.4
SE	1.3	2.4	.9	.2								4.7	5.1
SSE	1.5	2.4	1.7	.4	.1							6.1	5.9
S	2.8	4.5	2.8	.8								10.9	5.6
SSW	1.1	1.4	2.0	.6								5.0	6.5
SW	1.7	1.4	.9	.4	.0							4.4	5.5
WSW	1.0	1.1	.6	.0								2.8	4.7
W	.9	1.6	.7	.1								3.4	5.1
WNW	.5	.6	.6	.3								2.0	6.3
NW	.5	1.1	.4	.3	.1							2.8	5.7
NNW	.9	.9	.5	.1								2.4	5.0
VARBL													
CALM												32.7	
	20.1	26.3	16.6	4.1	.2							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2216

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/ AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12806 STATION FORT CAMPBELL KY/CAMPBELL AAF 44-45,50-72 YEARS  
JUL MONTH  
0000-0200 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.2	.6	.1	.0							4.5	4.1
NNE	1.7	1.3	.1	.1	.0							3.2	4.0
NE	1.1	1.0	.4									2.4	4.2
ENE	.7	.9	.6	.0								2.3	4.8
E	1.0	1.2	.6									2.8	4.8
ESE	.4	.8	.2									1.4	4.5
SE	1.2	2.2	.5									3.9	4.4
SSE	1.5	2.5	.8	.0								4.9	4.6
S	3.0	4.1	2.2	.3								9.6	5.0
SSW	2.8	2.7	1.0	.5								6.9	4.8
SW	1.6	1.9	1.2	.0	.0							4.8	5.1
WSW	1.3	.5	.1	.1	.0							1.8	4.6
W	1.1	1.1	.6	.0								2.8	4.7
WNW	.4	.5	.6	.1								1.6	6.2
NW	.2	.6	.2	.2								1.2	6.3
NNW	1.2	.6	.4	.1								2.3	4.3
VARBL													
CALM												43.7	
	21.3	22.9	10.2	1.7	.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 2167

DATA PROCESSING AND CONTROL  
ETAC/USAF  
AIR WEATHER SERVICE/ IAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

19806 STATION FORT CAMPBELL KY/CAMPBELL AAF 44-45,50-72 YEARS JUN MONTH 0300-0500 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	1.5	.6	.0	.0			.3				4.9	4.2
NNE	.7	1.2	.4									2.4	4.4
NE	1.2	1.2	.2									2.5	4.1
ENE	.0	1.1	.4									2.3	4.4
E	1.1	1.4	.7									3.1	4.7
ESE	.9	.8	.4									2.1	4.4
SE	1.2	1.9	1.0									4.0	4.3
SSE	1.8	2.2	.9	.0								4.9	4.6
S	3.1	3.7	2.0	.2								9.0	4.6
SSW	2.1	1.9	.8	.0	.0	.0						4.9	4.8
SW	1.5	2.2	1.1	.2	.1							5.1	5.3
WSW	.9	1.5	.4	.3	.0	.0						3.2	5.7
W	1.1	.6	.4	.2	.0							2.3	4.9
WNW	.4	.4	.2									1.0	4.4
NW	.6	.5	.6	.3	.1							2.2	5.0
NNW	.2	.9	.2	.0								1.9	4.1
VARBL													
CAUM												44.2	
	20.7	23.0	10.2	1.4	.4	.1		.0				100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 2167

DATA PROCESSING UNIT  
ETAC/USAF  
AIR WEATHER SERVICE/ AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 44-45,50-72 YEARS MONTH NORTH  
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.9	1.0	.0	.1							4.6	4.9
NNE	1.7	1.5	.9	.2								4.3	4.9
NE	.8	1.4	1.0	.1								3.5	5.5
ENE	.8	.9	1.0	.1								2.8	5.4
E	2.0	2.0	1.2	.1								5.3	4.7
ESE	1.3	1.1	.7	.1								3.2	4.9
SE	1.7	2.4	1.0	.1								5.3	4.8
SSE	1.3	2.2	1.4	.3								5.7	5.3
S	3.0	5.0	4.2	.4								12.6	5.7
SSW	1.5	3.0	3.0	1.0								3.5	6.6
SW	1.5	3.6	3.0	.6	.0							3.9	6.5
WSW	1.4	2.7	2.2	.5	.0							6.9	6.2
W	1.1	1.6	1.4	.4	.1	.1						4.8	7.0
WNW	.6	.5	.6	.3	.1							2.1	7.1
NW	.5	.5	.7	.2								1.9	6.4
NNW	.0	.9	.5	.1	.1							2.4	5.7
VARBL													
CALM												17.3	
	22.1	31.3	24.1	4.6	.5	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2165



DATA PROCESSING SECTION  
ETAC/USAF  
AIR WEATHER SERVICE/VAC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,50-72 JUL 1966-1100  
STATION STATION NAME YEARS MONTH HOURS (L.S.T.)  
ALL WEATHER  
CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.7	1.4	.3	.2	.1						5.1	5.9
NNE	.8	1.5	1.4	.1								3.3	5.9
NE	.5	1.7	1.3	.3								3.9	6.3
ENE	.7	1.5	.9	.1								3.2	5.5
E	1.3	2.7	1.2	.3								5.6	5.4
ESE	.3	1.2	.6	.0								2.9	5.2
SE	.3	.9	.7	.1								2.5	5.5
SSE	.6	1.8	1.0	.1								3.5	5.7
S	1.6	3.8	4.6	1.2	.0							11.2	6.9
SSW	1.2	3.2	3.4	2.3	.2							10.4	8.0
SW	1.1	3.7	4.1	2.7	.1							11.8	7.9
WSW	1.1	1.9	3.7	1.6	.0							8.4	7.7
W	1.9	3.9	3.3	1.1	.2	.1	.0					13.5	7.0
WNW	1.3	1.5	1.1	.6	.1	.0						4.6	6.6
NW	.8	1.9	1.2	.4	.1							4.4	6.5
NNW	.8	1.3	1.0	.1								3.2	5.5
VARBL													
CALM												5.1	
	17.2	34.1	31.1	11.4	.9	.2	.0					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2169

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE/ETAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 FLRT CAMPBELL KY/CAMPBELL AAF 44-45,50-72 J.J.  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
1200-1400  
HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.1	1.5	.6	.2							5.0	7.0
NNE	.3	1.6	1.1	.2								3.5	5.9
NE	.9	2.0	1.6	.3		.0						4.8	6.5
ENE	.5	1.2	1.4	.1								3.6	5.7
E	1.2	2.4	1.2	.0								4.9	5.1
ESE	1.1	1.1	.6	.0								2.8	4.6
SE	.6	1.2	.7	.0								2.5	5.6
SSE	.7	1.4	.9	.4								3.5	6.2
S	1.7	3.3	3.9	1.2	.1							10.2	7.0
SSW	.9	2.2	4.1	2.5	.3							10.0	8.8
SW	.5	3.0	5.2	3.4	.2							12.2	8.9
WSW	1.0	2.0	4.3	1.7	.2	.0						9.3	8.4
W	1.4	3.3	3.1	1.4	.3			.0				9.6	7.6
WNW	.9	1.8	2.1	.8	.2	.1	.0					6.0	7.8
NW	.7	1.7	1.2	.5	.0							4.1	6.7
NNW	.6	1.6	1.4	.5								4.1	6.7
VARBL													
CALM												3.9	
	14.2	31.9	34.2	13.8	1.7	.2	.0	.0				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2168

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/ IAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 44-45,50-72 YEARS  
STATION NAME CLASS ALL WEATHER NORTH  
HOURS (L S T.) 1500-1700

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.7	1.9	.7		.0						6.9	6.2
NNE	.8	1.5	1.8	.4								4.5	6.6
NE	1.5	1.8	1.4	.1								4.6	5.5
ENE	.9	1.7	.5	.1								3.1	4.8
E	1.0	1.9	.3									3.7	5.0
ESE	.6	1.2	.5	.1								2.4	5.2
SE	.4	1.2	.5	.1								2.2	5.5
SSE	.3	1.9	.9	.4	.0							4.0	6.2
S	1.5	3.8	4.0	1.1	.1							10.4	6.8
SSW	.9	3.1	3.9	1.6								9.5	7.7
SW	1.2	2.9	5.3	1.8	.2	.0						11.5	8.1
WSW	.9	2.7	3.4	1.2	.1	.0						9.3	7.6
W	2.2	3.3	3.7	.9	.1	.0						9.6	6.4
WNW	1.4	1.7	1.5	.8	.1							5.2	6.4
NW	.8	1.7	1.7	.8	.2							4.9	7.2
NNW	.9	1.3	1.3	.3	.1			.0				4.0	6.8
VARBL													
CALM												5.2	
	17.1	34.3	32.0	10.3	1.0	.2		.0				130.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2169

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45, 50-72  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.8	1.4	.1	.0							5.5	5.0
NNE	1.9	1.6	1.5	.1								5.1	5.0
NE	1.5	1.9	1.2									4.6	4.8
ENE	1.2	1.2	.5									2.9	4.3
E	1.7	1.4	1.0	.0								4.1	4.7
ESE	.9	1.2	.4	.0								2.4	4.4
SE	1.0	1.7	.5	.2								3.4	4.9
SSE	1.1	2.1	1.6	.2								5.0	5.3
S	3.3	5.5	3.0	.4	.3							12.3	5.4
SSW	2.9	2.1	1.2	.0	.0							6.4	4.5
SW	1.9	2.2	2.2	.1	.0							6.4	5.6
WSW	1.5	1.2	.8	.2	.0							3.8	5.1
W	1.3	1.9	.9	.0								4.7	4.6
WNW	.9	1.0	.3	.1	.1							2.4	5.7
NW	1.0	1.0	.8	.2	.0							3.1	5.8
NNW	1.5	.7	.6	.1	.1							3.1	5.2
VARBL													
CALM												25.0	
	26.3	28.4	17.8	1.9	.6							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

2172

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FLRT CAMPBELL KY/CAMPBELL AAF 44-45,50-72 JUN  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 2100-2300  
CLASS HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.1	.5	.3		.0						4.4	4.6
NNE	1.5	1.5	.9	.1								4.1	4.8
NE	1.4	1.6	.7									3.7	4.4
ENE	1.0	.6	.6									2.2	4.5
E	1.4	1.3	.7									3.5	4.5
ESE	1.0	.9	.4	.0								2.3	4.4
SE	1.2	2.0	.5	.1								3.8	4.7
SSE	1.2	2.7	1.2	.5								5.6	5.7
S	3.4	4.4	2.5	.7								11.0	5.4
SSW	2.1	2.2	.9	.1								5.3	4.4
SW	1.5	1.7	.7	.1								4.0	4.8
WSW	.9	.7	.5	.2								2.3	5.4
W	1.4	1.3	.3	.1	.0							3.1	4.7
WNW	.6	.3	.2	.1								1.2	4.9
NW	.4	.6	.2	.0	.1		.0					1.4	7.0
NNW	1.0	.6	.3	.1	.0							2.3	4.7
VARBL													
CALM												39.9	
	22.4	23.8	11.1	2.5	.2	.0	.0					100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 2171

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AFB 43-45, 50-72 JUL  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0000-0200  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.7	.7	.0								5.1	4.0
NNE	1.0	1.1	1.1	.1								3.3	5.3
NE	.8	1.3	.7	.0								2.9	5.1
ENE	.6	.6	.5	.0								1.7	5.2
E	1.1	1.4	.6	.1								3.2	4.9
ESE	1.1	.6	.1									1.9	3.4
SE	.8	1.5	.2									2.4	4.4
SSE	1.0	1.2	.4									2.6	4.2
S	3.4	3.7	1.2	.2								8.5	4.4
SSW	2.1	2.8	1.1	.3								6.2	4.8
SW	1.6	2.1	1.2	.2								5.2	5.1
WSW	.9	.9	.9	.3								3.0	6.0
W	1.0	.8	.5	.1								2.4	4.7
WNW	.6	.3	.0	.1								1.0	4.5
NW	.8	.6	.1	.0								1.3	4.2
NNW	.9	.9	.4	.0								2.2	4.7
VARBL													
CALM												46.7	
	20.4	21.4	9.8	1.7								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 2359

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72 J L  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 0300-0500  
CLASS HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	1.6	.8									5.2	3.2
NNE	.9	.7	.7	.0								2.3	4.8
NE	.4	1.1	.7									2.3	5.7
ENE	.9	.6	.5									2.0	4.6
E	1.4	1.2	.6	.1								3.2	4.5
ESE	1.1	.5	.0									1.7	3.3
SE	1.1	1.1	.2									2.3	3.9
SSE	.7	1.4	.4									2.5	4.6
S	3.3	4.0	.9	.0								8.2	4.1
SSW	2.0	2.6	1.0	.2								5.9	4.8
SW	1.2	2.2	1.8	.5								5.8	5.8
WSW	1.2	.8	.6	.2	.0	.0						2.8	5.2
W	1.1	.5	.4	.0								2.0	4.0
WNW	.3	.2	.1	.1								.7	5.1
NW	.6	.4	.2	.1								1.2	4.4
NNW	.9	.8	.3	.0								2.0	4.3
VARBL													
CALM												50.0	
	20.0	19.6	9.0	1.3	.0	.0						100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 2358

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72 JUL  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 3600-0800  
CLASS HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.6	.7	.1								3.6	4.9
NNE	1.7	1.4	1.1	.1								4.2	4.8
NE	.7	1.5	.7	.1								3.0	5.5
ENE	1.0	1.0	1.0	.1								3.1	5.3
E	1.8	2.0	.7	.3								4.8	4.8
ESE	1.0	1.2	.6									2.7	4.4
SE	1.6	1.5	.4									3.5	3.9
SSE	1.2	1.5	.8	.0								3.6	4.7
S	3.4	4.5	2.3	.2								10.5	4.9
SSW	2.8	4.1	2.7	.4		.0						10.1	5.4
SW	2.2	3.6	3.4	.4	.0							9.5	6.0
WSW	1.5	2.3	1.8	1.2								6.9	6.5
W	1.4	2.1	1.0	.6	.0							5.1	6.1
WNW	.8	.6	.3	.2								1.9	5.0
NW	.8	1.1	.3									2.3	4.4
NNW	.7	1.4	.3	.0								2.4	4.7
VARBL													
CALM												22.7	
	23.8	31.6	18.1	3.7	.1	.0						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 2353



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45, 50-72 JUL  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0900-1100  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.8	1.9	.1								5.1	5.8
NNE	.9	1.6	.7	.2								3.4	5.1
NE	.9	1.6	.8	.3	.1							3.7	5.9
ENE	1.4	1.7	.8	.5								4.5	5.7
E	1.1	1.7	.8	.2	.1							3.8	5.7
ESE	.7	1.3	.9	.1								3.1	5.5
SE	1.6	1.3	.6	.2								3.7	4.7
SSE	1.1	1.2	.7	.2								3.1	5.0
S	2.1	4.4	2.5	.6								9.6	5.8
SSW	1.5	2.6	3.1	1.2								8.5	6.8
SW	1.2	3.9	4.9	1.6	.0							11.6	7.4
WSW	1.7	3.1	4.4	1.3	.1							10.6	7.1
W	2.2	2.6	3.5	1.2	.1							9.6	6.8
WNW	1.3	1.3	.9	.6								4.1	5.9
NW	.9	1.4	1.1	.1								3.6	5.5
NNW	1.0	1.7	.6	.3	.0							3.6	5.4
VARBL													
CALM												2.5	
	20.9	33.2	28.3	8.6	.4							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2353

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

13806 FORT CAMPBELL KY CAMPBELL AAF 43-45,50-72 JUL  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1200-1400  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.3	2.0	.8	.1							6.9	6.2
NNE	.5	1.6	1.2	.5								4.1	6.4
NE	.6	1.9	1.4	.7								4.6	6.6
ENE	.6	1.9	1.1	.6								4.1	6.6
E	1.6	1.4	.7	.3								4.0	4.9
ESE	.8	1.0	.6	.2								2.5	5.7
SE	.6	1.0	.7	.1	.0							2.4	5.6
SSE	.6	.9	.7	.1								2.3	5.6
S	1.1	2.6	2.5	.5	.1							6.8	6.4
SSW	1.3	2.5	3.1	1.6	.1							8.6	7.6
SW	1.1	3.1	4.3	1.5	.3	.0						10.8	8.0
WSW	1.3	2.9	3.7	2.0	.1							10.0	7.6
W	2.3	3.3	3.9	1.5								11.0	6.7
WNW	1.4	2.0	1.9	.7	.0	.0						6.1	6.8
NW	.6	1.3	1.7	.7	.1							4.4	7.8
NNW	1.4	2.0	1.1	.6	.0							5.2	6.0
VARBL													
CALM												6.2	
	17.9	31.6	30.5	12.7	.9	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2355

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806      FORT CAMPBELL KY/CAMPBELL AAF      43-45, 50-72      JUL  
STATION      STATION NAME      YEARS      MONTH  
ALL WEATHER  
CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.3	2.2	.8	.0							7.9	6.3
NNE	1.3	2.1	2.0	.6	.1							6.1	6.5
NE	1.1	2.7	1.5	.7								5.7	6.4
ENE	.8	1.1	.9	.4	.0							3.3	6.3
E	1.2	1.5	1.0	.1								3.8	5.2
ESE	.6	.8	.3	.2								1.9	5.3
SE	.5	.9	.3	.2								1.9	5.7
SSE	.7	1.0	.9	.2								2.7	6.0
S	1.1	3.7	2.7	.6		.0						8.1	6.5
SSW	1.0	2.6	2.5	.9								7.0	6.9
SW	1.0	3.0	3.6	1.6	.2	.0						9.6	7.8
WSW	1.6	2.5	3.0	1.4	.1							8.6	7.1
W	2.7	3.3	2.6	1.1	.1	.0						9.8	6.2
WNW	1.3	2.0	1.6	.3	.0							5.3	6.1
NW	1.2	1.8	1.9	.7	.0							5.6	6.7
NNW	1.0	2.2	1.6	.8								5.6	6.6
VARBL													
CALM												6.9	
	18.7	34.6	28.4	10.6	.7	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS      2366

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45, 50-72 JUL  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
1300-2000  
HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.0	1.5	.3								5.9	5.2
NNE	1.9	2.1	1.1	.2								5.3	4.9
NE	1.8	2.1	1.0	.3		.0						5.2	5.1
ENE	1.3	1.0	.5	.0								2.8	4.6
E	1.4	1.3	.3	.0								3.1	4.2
ESE	.7	.7	.4	.1								1.9	5.0
SE	.4	1.1	.6		.0							2.2	5.6
SSE	1.1	1.1	.7	.2								3.1	5.3
S	2.8	4.1	1.4	.1	.1							8.5	4.7
SSW	2.2	2.5	1.3	.1								6.2	4.9
SW	2.3	2.1	2.1	.4		.0						7.9	5.5
WSW	2.1	2.0	1.3	.4								5.8	5.3
W	2.1	1.4	.7	.3								4.4	4.5
WNW	1.1	.7	.2	.0	.1							2.0	4.5
NW	1.5	.8	.3	.0								2.8	3.8
NNW	2.2	1.1	.6	.3	.1							4.2	4.7
VARBL													
CALM												28.9	
	27.0	27.0	14.1	2.7	.3	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 2356

DATA PROCESSING R-CH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1966 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72 JUL  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
2100-2300  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.6	1.1	.3	.0							5.4	4.9
NNE	1.5	1.3	.6	.1		.0						4.0	4.7
NE	1.1	1.8	1.1		.0	.0						4.1	5.6
ENE	.7	.8	.2									1.7	4.2
E	1.3	.8	.5									2.6	4.1
ESE	.8	.9	.3	.1								2.0	4.6
SE	.9	1.3	.4									2.7	4.6
SSE	1.1	1.7	.5	.0								3.5	4.7
S	2.5	3.5	1.5	.1								7.5	4.7
SSW	1.4	2.1	1.2	.1								4.8	5.1
SW	1.9	2.0	1.1	.1								5.2	4.6
WSW	1.2	.7	1.2	.3								3.3	5.9
W	1.1	.9	.3	.1								2.5	4.4
WNW	.5	.2	.2	.0								.9	4.1
NW	.7	.6	.2	.0	.0		.0					1.6	5.4
NNW	1.3	.8	.3	.1								2.5	4.1
VARBL													
CALM												45.7	
	20.9	21.0	10.7	1.5	.1	.1	.0					100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 2361

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICES/4AC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 STATION FORT CAMPBELL KY/CAMPBELL AFB 43-45, 50-72 YEARS  
STATION NAME  
ALL WEATHER CLASS  
CONDITON  
AUG MONTH  
0000-0200 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.4	1.0	.2								6.8	4.2
NNE	1.2	1.7	.5	.4	.0							3.8	5.1
NE	1.2	1.3	.8		.0							3.4	4.9
ENE	1.2	.8	.4									2.3	4.3
E	1.5	1.4	.5	.0								3.4	5.2
ESE	.5	.6	.2	.1								1.5	4.9
SE	.7	1.0	.4	.0								2.2	4.6
SSE	1.5	.8	.5									2.8	4.0
S	2.6	3.2	.4	.1								6.4	4.1
SSW	1.8	2.1	.7	.1								4.7	4.5
SW	1.5	1.1	.6	.1								3.4	4.7
WSW	1.1	.7	.5	.1								2.3	4.6
W	.7	.3	.1	.0								1.1	3.8
WNW	.6	.3	.0	.0								1.0	3.7
NW	.6	.6	.2			.0						1.4	4.6
NNW	1.3	.8	.4									2.5	3.8
VARBL													
CALM												51.0	
	21.2	19.2	7.1	1.3	.1	.0						100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 2408

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/44C

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806      FORT CAMPBELL KY/CAMPBELL AAF      43-45, 50-72      AUG  
STATION      STATION NAME      YEARS      NORTH  
ALL WEATHER  
CLASS  
CONDITION  
0300-0500  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	3.1	1.0	.1								3.1	4.1
NNE	1.6	1.1	.9	.0								3.7	4.6
NE	1.3	1.5	.7									3.4	4.5
ENE	.7	.9	.2									1.7	4.3
E	1.4	1.3	.5	.2	.0							3.4	4.8
ESE	.7	.6	.2									1.5	3.9
SE	1.6	1.5	.3									3.4	3.9
SSE	1.0	1.5	.4									2.9	4.2
S	3.2	2.8	.5	.1								6.6	3.9
SSW	2.2	1.8	.7									4.8	4.1
SW	1.4	1.2	.7									3.4	4.8
WSW	.5	.6	.2	.3								1.7	5.8
W	.3	.5	.1	.0								1.5	4.0
WNW	.2	.1	.2	.0								.6	5.9
NW	.3	.4	.2									1.5	4.0
NNW	1.4	.6	.2									2.1	3.2
VARBL													
CALM												49.7	
	22.9	19.4	7.1	.8	.0							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 2407

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45, 50-72  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
AUG  
MONTH  
0500-0800  
HOURS (L.R.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	2.9	.8	.2								5.9	4.5
NNE	1.5	2.3	1.5	.2	.0							5.6	5.4
NE	1.4	1.4	1.3	.2								4.3	5.3
ENE	1.1	1.5	.5	.1								3.2	4.7
E	1.8	2.7	.7	.2								5.4	4.7
ESE	1.2	1.2	.4	.0								2.8	4.4
SE	1.5	1.5	.4	.1								3.5	4.4
SSE	1.5	1.9	.8	.0								4.3	4.6
S	3.7	3.7	2.0	.2	.0							9.6	4.8
SSW	3.1	2.7	1.7	.2								7.7	4.9
SW	2.1	2.4	1.6	.3	.0							6.5	5.4
WSW	1.2	1.6	1.4	.5								4.7	6.0
W	.8	1.1	.9	.1	.0							2.9	5.8
WNW	.5	.6	.5	.1		.0						1.7	5.6
NW	.5	.5	.2									1.3	4.2
NNW	1.1	1.6	.3	.1								2.5	4.2
VARBL													
CALM												27.1	
	26.1	29.0	15.1	2.5	.2	.0						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 2410



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806      FORT CAMPBELL KY/CAMPBELL AAF      43-45,50-72      AUG  
STATION      STATION NAME      YEARS      MONTH  
ALL WEATHER      0900-1100  
CLASS      HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.2	1.3	.2								6.5	5.0
NNE	.8	2.2	2.0	.3	.1							5.4	6.4
NE	1.2	1.8	1.5	.4		.1						5.0	6.4
ENE	1.0	1.9	1.1	.4	.0	.0						4.4	6.3
E	2.2	2.2	1.3	.3								6.0	5.1
ESE	1.2	1.1	.7	.1								3.1	4.7
SE	1.0	1.2	1.0	.0								3.2	5.4
SSE	1.2	2.1	1.1	.2								4.6	5.1
S	2.8	3.7	2.7	.4								9.6	5.4
SSW	1.4	2.6	2.6	.7	.0							7.4	6.5
SW	1.3	3.5	4.0	1.0	.1							10.4	6.7
WSW	1.8	2.7	3.2	.7	.0							8.4	6.3
W	1.5	2.4	2.1	.4	.1							6.5	6.2
WNW	1.2	1.3	.9	.5	.1	.1						4.1	6.5
NW	.8	1.7	1.2	.5	.0							4.1	6.3
NNW	1.0	1.4	.9	.2	.0							3.5	5.6
VARBL													
CALM												7.7	
	22.8	34.7	27.6	6.3	.6	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS      2417

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/HAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806	FORT CAMPBELL KY/CAMPBELL AAF	43-45, 50-72	AUG
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			1200-1400
CLASS			MOONS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.9	2.7	.5	.1							8.6	6.1
NNE	1.5	2.1	1.9	.9	.1		.0					6.6	6.7
NE	1.0	2.5	1.9	.5								6.0	6.1
ENE	.7	1.7	1.2	.2								3.8	5.9
E	1.4	2.4	1.0	.2	.0							5.0	5.3
ESE	.8	1.2	.7	.1								2.9	5.2
SE	.4	.9	.6	.2								2.1	6.0
SSE	.9	1.3	1.0	.4								3.6	6.0
S	1.7	2.5	2.7	.5								7.4	6.1
SSW	.9	2.2	2.7	.8	.1							6.6	7.2
SW	1.2	2.8	2.8	1.2	.1							8.1	7.1
WSW	1.5	2.2	3.3	1.1								8.1	6.9
W	2.2	3.3	2.4	.7	.0	.0						8.7	6.1
WNW	1.7	1.5	1.5	.8	.2							5.7	6.5
NW	1.2	1.7	2.0	.8	.1							5.8	7.0
NNW	1.1	1.6	2.3	.3	.1							5.2	6.5
VARBL													
CALM												5.8	
	19.4	33.9	31.0	9.0	.8	.0	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2411

DATA PROCESSING BR4. CM  
ETAC/USAF  
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45, 50-72  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.4	3.6	1.4	.0							10.3	6.7
NNE	1.1	3.4	3.4	.7	.1							8.7	6.8
NE	1.3	2.4	1.1	.5								5.4	5.7
ENE	1.1	1.7	1.0	.0								3.9	5.2
E	1.4	2.0	.9	.1	.0							4.3	5.0
ESE	.9	.9	.6									2.4	4.8
SE	.6	1.0	.9	.2	.0							2.8	6.5
SSE	.7	1.5	1.3	.3								3.8	6.1
S	2.1	3.6	3.0	.4								9.3	5.9
SSW	.8	2.2	2.2	.4	.0							5.7	6.5
SW	1.0	3.2	2.4	.3	.0							7.0	6.2
WSW	1.0	2.7	1.5	.4	.1							5.8	6.3
W	2.3	3.3	1.8	.3	.0							7.8	5.2
WNW	1.2	1.3	1.1	.7								4.4	6.5
NW	.8	1.7	1.9	.6	.1							5.1	6.9
NNW	.9	2.3	1.6	.3	.1							5.3	6.3
VARBL													
CALM												8.4	
	19.1	36.7	28.4	6.7	.7							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2409

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/NAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72 AUG  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1800-2000  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 31	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	3.7	2.4	.5	.0							10.4	5.0
NNE	2.2	3.1	1.6	.2								7.1	5.0
NE	1.6	2.0	1.3	.1								5.0	5.0
ENE	1.0	.9	.5									2.4	4.3
E	1.4	1.2	.5	.0								3.2	4.2
ESE	.9	.8	.4	.1								2.2	5.0
SE	.7	.9	.4	.2								2.1	5.2
SSE	1.2	1.7	1.0	.1								4.0	5.3
S	3.0	4.2	1.0	.0								8.3	4.3
SSW	1.7	1.9	.7	.0								4.4	4.4
SW	2.1	2.1	.6	.1								4.9	4.4
WSW	1.5	1.2	.3	.0	.0							3.1	4.2
W	2.0	1.1	.2	.1								3.4	3.9
WNW	.9	.6	.4									1.9	4.1
NW	1.1	.6	.3	.1	.0							2.2	4.6
NNW	1.1	.8	.4	.1								2.4	4.6
VARBL													
CALM												33.0	
	26.3	26.8	12.1	1.7	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 2410

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72 YEARS AUG MONTH  
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	2.1	1.2	.1								7.3	4.1
NNE	1.9	2.6	1.6	.1								5.2	4.9
NE	1.1	2.0	.9	.0								4.1	4.9
ENE	.6	1.0	.4	.0								2.0	4.7
E	.9	1.5	.5									2.8	4.5
ESE	.5	.9	.4	.0								1.9	4.8
SE	1.5	.7	.4	.1								2.7	4.2
SSE	.8	1.5	.7	.1								3.0	5.2
S	2.9	3.4	.9	.0								7.3	4.3
SSW	1.4	1.4	.5	.2	.0							3.5	4.7
SW	1.5	1.3	.6	.1								3.5	4.7
WSW	1.1	.7	.4									2.2	4.3
W	1.2	.6	.0	.0								1.8	3.2
WNW	.6	.3	.1									1.0	3.8
NW	.7	.3	.3		.0							1.3	4.9
NNW	1.0	1.3	.2									2.4	3.9
VARBL													
CALM												47.0	
	21.5	21.6	9.1	.8	.1							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 2411

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF STATION NAME 43-45, 50-71 YEARS SEP MONTH 0000-0200 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.2	1.8	.2		.0						6.8	5.0
NNE	1.2	2.2	.8	.0								4.2	4.9
NE	1.4	2.5	1.3	.2								5.4	5.5
ENE	1.2	1.1	.4									2.7	4.3
E	2.2	1.8	.4									4.4	3.9
ESE	1.2	1.2	.4	.1								3.0	4.4
SE	1.3	1.8	.7	.1								3.9	4.8
SSE	1.6	1.4	1.0	.2								4.3	5.0
S	2.0	3.2	2.1	.2								7.5	5.5
SSW	1.1	1.3	.4	.2			.0					3.1	5.2
SW	.9	.3	.8	.2								2.2	5.0
WSW	.8	.4	.4	.1	.1							1.9	6.1
W	.7	.5	.2	.1								1.5	4.4
WNW	.5	.2	.1	.0								.8	4.1
NW	.8	1.0	.2									2.1	4.2
NNW	.7	.8	.3	.1								2.0	4.8
VARBL													
CALM												44.3	
	20.2	22.1	11.4	1.8	.1	.0	.0					100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45, 50-71  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	2.5	1.2	.1								5.8	4.4
NNE	1.4	2.3	1.2	.1								5.2	5.1
NE	1.4	2.6	.9	.1								5.0	4.9
ENE	.8	1.2	.6									2.5	4.7
E	1.7	2.1	.4									4.1	4.0
ESE	.9	1.4	.5									2.8	4.6
SE	2.0	2.4	1.0	.0								5.5	4.5
SSE	1.6	2.1	.6	.1								4.4	4.6
S	2.1	3.3	2.0	.4								7.8	5.4
SSW	1.1	1.2	.4	.0								2.6	4.4
SW	1.0	1.1	.4	.0								2.5	4.7
WSW	.5	.6	.6	.1	.0							1.8	6.2
W	.5	.3	.2	.1	.0							1.2	5.3
WNW	.4	.4	.1	.1								1.0	5.7
NW	1.0	.7	.4	.2	.0							2.3	5.2
NNW	1.3	.7	.5	.0								2.6	4.5
VARBL													
CALM												42.0	
	20.8	24.7	10.9	1.5	.1							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-71 SEP  
STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0600-0800  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.8	1.6	.3								7.1	5.3
NNE	1.6	2.5	1.9	.0	.0							6.1	5.3
NE	1.0	2.5	2.2	.2	.0							6.0	6.1
ENE	.9	1.5	1.0	.1								3.5	5.5
E	2.4	2.3	1.0	.0								5.7	4.3
ESE	1.4	1.5	.7	.1								3.9	4.8
SE	2.5	2.6	1.7	.1	.0							6.9	4.8
SSE	1.6	2.6	2.0									6.1	5.3
S	1.9	4.9	2.7	.6	.0							10.1	5.8
SSW	1.3	2.1	1.9	.3								5.6	5.9
SW	.8	1.4	1.0	.3								3.5	5.9
WSW	.8	.4	.8	.3	.0							2.4	6.3
W	.9	.7	.4	.1	.0							2.2	5.0
WNW	.4	.5	.2	.1								1.2	5.4
NW	.5	1.2	.7	.2								2.6	5.7
NNW	.7	1.0	.7	.2	.0							2.7	6.1
VARBL													
CALM												24.4	
	21.1	20.7	20.6	2.9	.3							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 2246



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-71 SEP  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 0900-1100  
CLASS HOURS (L.S.T.)  
CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.7	2.6	1.0	.1							7.4	7.2
NNE	.6	1.9	1.8	.4	.2							4.9	7.0
NE	.9	2.2	2.9	.5	.2							6.7	7.3
ENE	.9	2.0	1.6	.4	.1							5.1	6.5
E	1.5	2.8	2.1	.4								6.7	5.8
ESE	1.1	1.7	.8	.0								3.7	5.1
SE	1.0	1.8	1.2	.5								4.6	6.2
SSE	1.0	1.6	1.8	.2								4.7	6.1
S	2.2	4.5	5.6	1.1								13.3	6.6
SSW	1.0	2.4	3.7	1.7	.2							9.0	7.9
SW	1.1	2.1	3.3	1.6	.1	.0						8.2	7.9
WSW	.9	1.4	2.4	.9								5.6	7.2
W	1.3	2.0	1.9	.5	.1							5.8	6.4
WNW	.6	.9	.7	.1	.2							2.5	6.8
NW	.8	.6	1.0	.4	.0							2.8	6.9
NNW	.9	1.3	1.2	.6								4.0	6.7
VARBL													
CALM												5.1	
	16.9	31.9	34.6	10.3	1.1	.0						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 2243

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45, 50-71 SEP  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1200-1400  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.8	2.9	.8	.0							7.9	6.7
NNE	1.2	1.8	2.0	.6	.0							5.7	6.5
NE	1.1	2.1	1.9	.8	.1							6.1	7.0
ENE	.7	2.3	1.2	.4								4.5	6.1
E	1.2	2.8	1.8	.1								6.0	5.6
ESE	1.0	1.7	1.2	.1								4.0	5.3
SE	.5	2.4	1.6	.2	.0							4.9	6.2
SSE	1.3	1.5	1.0	.3								4.0	5.4
S	1.8	3.3	4.2	.9		.0						10.2	6.7
SSW	1.1	2.0	4.1	1.3	.1							8.5	7.8
SW	.7	1.8	3.4	1.5	.2							7.7	8.2
WSW	.8	2.0	2.0	.9	.1							5.7	7.4
W	1.2	2.7	2.3	.5	.1							6.9	6.4
WNW	.6	1.2	.9	.6	.1							3.4	7.0
NW	.4	1.4	1.5	1.1	.2							4.6	8.6
NNW	.9	1.6	2.5	.8	.1	.0						5.9	7.4
VARBL													
CALM												4.1	
	15.9	33.3	34.6	10.8	1.2	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FLRT CAMPBELL KY/CAMPBELL AAF 43-45,50-71 SEP  
STATION STATION NAME YEARS MONTH  
1500-1700  
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.9	3.6	.9	.1	.1						8.9	7.2
NNE	1.2	2.5	2.1	.4	.0							6.2	6.2
NE	1.2	3.4	1.9	.4	.1							7.1	6.1
ENE	.9	1.6	.8	.2								3.5	5.6
E	1.8	3.2	1.4	.3								6.6	5.3
ESE	1.2	1.3	.9	.2								4.1	5.2
SE	1.5	2.0	1.5	.3								5.2	5.5
SSE	1.1	1.7	1.1	.2	.0	.0						4.2	5.8
S	2.1	4.4	2.9	.5	.1							10.1	5.9
SSW	.9	2.2	2.3	.4								5.8	6.5
SW	1.0	2.3	2.1	.9	.3							6.6	7.5
WSW	1.1	1.4	1.4	.7								4.5	6.6
W	2.1	1.8	1.6	.5		.0						6.0	5.7
WNW	1.2	1.5	.9	.0	.0							3.7	5.0
NW	.9	1.9	1.5	.6	.2							5.1	7.0
NNW	.9	1.8	1.3	.5		.0						4.6	6.7
VARBL													
CALM												7.6	
	20.4	36.3	27.4	7.1	.9	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806      FORT CAMPBELL KY/CAMPBELL AAF      43-45,50-72      SEP  
STATION      STATION NAME      YEARS      MONTH  
ALL WEATHER      1800-2000  
CLASS      HOURS (L.S.T.)  
CORRECTION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	2.5	2.6	.3	.0							8.9	5.2
NNE	2.0	2.5	1.0	.2								5.7	4.9
NE	2.0	3.2	1.9	.1	.0	.0						7.3	5.4
ENE	1.3	1.4	.2	.0								2.9	4.0
E	1.7	1.8	.8	.1								4.4	4.6
ESE	1.0	1.1	.3	.1								2.5	4.5
SE	1.6	2.5	.6	.1								4.9	4.6
SSE	1.4	1.9	.8	.2	.0							4.3	5.2
S	2.8	3.7	1.0	.3								7.8	4.6
SSW	.6	1.3	.8	.0								2.7	5.4
SW	1.1	1.4	.7	.2	.1							3.6	5.7
WSW	.7	.7	.3	.1								1.8	5.0
W	1.4	.8	.2		.0							2.5	3.7
WNW	.7	.6	.0									1.3	3.5
NW	.9	1.6	.8	.1								3.4	5.3
NNW	1.4	.8	.7	.2								3.3	4.8
VARBL													
CALM												32.8	
	24.2	27.8	12.8	2.1	.3	.0						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS      2244

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45, 50-72  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	2.0	2.3	.3	.1	.0						7.5	5.4
NNE	2.0	2.8	1.2	.0	.0							6.0	4.7
NE	2.0	2.7	1.3	.3	.1							6.5	5.3
ENE	1.1	1.1	.4		.0							2.6	4.4
E	1.8	2.0	.4	.1								4.3	4.2
ESE	1.2	1.2	.4	.0								2.8	4.2
SE	1.4	1.9	.8	.0								4.1	4.8
SSE	2.1	1.7	1.0	.2								5.1	4.9
S	2.0	3.8	1.6	.1	.0							7.6	5.1
SSW	.6	1.1	.5	.1	.0							2.4	5.5
SW	.8	.8	.6	.3	.0							2.5	6.4
WSW	.8	.4	.1		.1							1.4	4.4
W	.7	.4	.1	.1			.0					1.3	5.1
WNW	.4	.3	.1	.0	.0							.8	5.6
NW	.9	.6	.6	.2								2.4	5.1
NNW	1.1	.8	.4	.2								2.4	4.8
VARBL													
CALM												40.3	
	21.6	23.6	11.7	2.1	.5	.0	.0					100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

2251

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72 OCT  
STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0000-0200  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	2.8	1.5	.5								7.7	4.9
NNE	1.2	1.5	.9	.1								3.7	5.0
NE	.7	1.3	1.0	.2								3.2	5.9
ENE	.9	.9	.3	.0								2.2	4.5
E	2.0	1.6	.5	.0								4.1	4.1
ESE	1.1	1.0	.3	.0								2.5	4.2
SE	1.3	1.9	.3									3.4	4.1
SSE	1.3	2.4	1.1	.3		.1						5.2	5.5
S	2.2	2.3	1.4	.4								6.2	5.3
SSW	1.1	1.4	1.0	.1								3.6	5.3
SW	1.1	1.3	.3	.0								2.8	4.5
WSW	.8	1.0	.1	.1	.0							2.0	4.7
W	1.0	.8	.4	.2	.1							2.5	5.4
WNW	.7	.6	.5	.2	.0							2.1	5.9
NW	1.7	1.7	1.0	.2	.0	.1						4.7	5.6
NNW	1.3	1.3	1.1	.3	.2	.0						4.2	5.5
VARBL													
CALM												39.7	
	21.1	23.8	12.0	2.7	.4	.2						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 2355

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72 OCT  
STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.0	2.4	1.5	.6	.1							7.6	5.3
NNE	1.5	1.1	1.1	.2	.0							3.9	5.4
NE	1.1	1.0	.7	.2								3.1	5.2
ENE	1.0	.7	.3	.0								2.1	4.7
E	2.7	2.2	.3									5.2	3.6
ESE	1.1	1.5	.6									3.2	4.4
SE	1.5	2.2	.4									4.0	4.3
SSE	1.2	2.2	.6	.3	.1	.0						4.5	5.6
S	2.0	2.8	1.2	.4	.1							6.5	5.3
SSW	.7	1.3	1.1	.2	.0							3.4	6.2
SW	1.1	1.1	.6	.2	.0							3.0	5.1
WSW	.5	.7	.3									1.4	4.5
W	1.2	.8	.6	.2								2.7	5.3
WNW	.6	.6	.6	.2	.1							1.9	6.7
NW	1.6	1.9	1.0	.3	.0							4.8	5.5
NNW	1.7	1.7	1.1	.6	.3							5.3	6.3
VARBL													
CALM												37.4	
	22.4	24.1	11.9	3.4	.8	.0						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 2356

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.3	1.7	.6	.0	.1						6.9	5.9
NNE	1.2	2.0	1.2	.3								4.6	5.5
NE	.8	1.8	1.2	.3		.0						4.1	6.2
ENE	.8	1.1	.6	.3	.0							2.8	6.0
E	2.5	2.2	.8	.2								5.6	4.4
ESE	1.7	1.8	.4	.1								4.0	4.1
SE	2.3	2.8	.9	.1								6.1	4.5
SSE	1.3	2.6	1.6	.2	.0							6.0	5.5
S	2.2	3.1	2.6	.5	.0	.1						8.6	6.0
SSW	1.1	1.4	1.9	.4	.0							4.8	6.5
SW	.9	1.9	1.1	.5	.1							4.4	6.3
WSW	.5	.6	.5	.3								1.9	6.6
W	.9	.9	.6	.3	.0							2.8	5.9
WNW	.8	.7	.6	.2	.1							2.3	6.1
NW	1.1	1.4	1.4	.7	.1							4.7	6.7
NNW	1.1	1.6	1.4	.9	.1							5.1	6.9
VARBL													
CALM												25.1	
	21.4	28.3	18.6	5.9	.6	.3						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

2351



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72 OCT  
STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0900-1100  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.6	2.9	.8	.1							7.7	6.9
NNE	.3	1.5	2.1	.7	.2							4.9	8.2
NE	.5	1.2	1.4	.5	.1	.1						3.8	7.8
ENE	.6	.9	1.5	.9								3.9	7.7
E	1.8	2.1	1.5	.3	.0							5.7	5.6
ESE	1.1	1.5	1.1	.1								3.7	5.3
SE	1.1	2.1	1.0	.3								4.6	5.5
SSE	1.1	2.4	2.3	.5	.1	.0						6.4	6.7
S	1.8	3.7	3.8	2.2	.2	.0						11.8	7.5
SSW	.7	1.9	3.3	1.7	.2	.0						7.8	8.4
SW	1.1	1.7	2.7	1.8	.4							7.7	8.4
WSW	.4	1.6	2.5	1.0	.5	.0						6.1	8.8
W	.8	2.0	1.7	.7	.1							5.2	7.0
WNW	.7	1.1	.9	.4	.0							3.1	6.6
NW	.9	1.4	2.0	.9	.3							5.4	7.9
NNW	.8	2.1	2.4	1.2	.3							6.7	7.8
VARBL													
CALM												5.5	
	14.9	29.9	33.1	13.8	2.4	.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2350

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45, 50-72 JCT  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1200-1400  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.1	2.8	.7	.1	.0						7.7	7.0
NNE	.7	1.2	1.7	.9	.3							4.8	8.0
NE	.6	1.4	1.9	.4	.0	.0						4.3	7.3
ENE	.4	1.1	1.6	.3	.1							3.5	7.1
E	1.3	2.4	1.4	.3								5.3	5.6
ESE	.7	1.5	.6	.2	.0							3.0	5.8
SE	1.1	2.2	1.1	.2								4.5	5.4
SSE	.7	1.6	2.3	.6		.0						5.3	7.1
S	1.5	2.7	4.0	1.5	.2	.0	.0					10.0	7.6
SSW	1.0	1.8	3.3	1.9	.2	.0						8.3	8.4
SW	.6	1.7	2.3	1.8	.4	.0						7.0	9.0
WSW	.7	1.1	2.2	1.2	.3	.1						5.6	8.7
W	1.2	2.6	3.1	1.4	.1							8.4	7.4
WNW	.9	1.4	1.6	.6	.1							4.6	6.7
NW	.6	1.8	2.7	.9	.5							6.6	8.3
NNW	.6	2.6	2.7	1.3	.3	.1						7.6	8.1
VARBL													
CALM												3.7	
	13.6	30.3	35.1	14.2	2.6	.4	.0					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2351

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72 OCT  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1500-1700  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.1	2.7	.8	.1	.0	.1					8.0	6.9
NNE	.9	1.6	1.4	.3	.1							4.3	6.5
NE	1.1	1.5	1.4	.6	.1							4.7	6.8
ENE	.9	1.8	1.2	.2								4.2	5.9
E	1.8	2.7	1.1	.0								5.7	4.7
ESE	1.1	1.7	.5	.1								3.4	4.5
SE	.5	2.4	.9	.2								4.0	5.7
SSE	.6	2.3	1.4	.3	.0							4.7	6.3
S	1.5	3.1	3.1	.9	.0							8.7	6.6
SSW	1.0	2.0	2.5	.9	.2							6.5	7.5
SW	.9	2.4	2.2	.7	.1							6.3	7.0
WSW	1.2	1.7	1.4	.6	.2							5.0	6.5
W	1.9	2.5	1.4	.6	.0							6.4	5.7
WNW	1.3	1.7	1.4	.3								4.6	5.6
NW	1.3	1.9	2.4	1.2	.2	.1						7.1	7.7
NNW	1.3	2.2	1.9	1.0	.3	.0						6.7	7.4
VARBL													
CALM												9.7	
	18.7	34.4	26.8	8.6	1.4	.2	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2352

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72 JCT  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
1800-2000  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.2	2.9	1.6	.4	.1							8.2	5.0
NNE	1.9	1.6	1.2	.4								5.0	5.4
NE	1.2	1.7	1.1	.2	.0							4.3	5.6
ENE	1.2	1.1	.8	.1								3.3	5.0
E	2.5	2.0	.3									4.8	3.7
ESE	1.4	.9	.6	.0								3.0	4.4
SE	1.2	1.4	.4	.2								3.2	4.9
SSE	1.1	1.9	1.2									4.3	5.2
S	1.7	3.8	1.4	.3								7.2	5.3
SSW	.9	1.2	1.2	.2	.0							3.5	6.1
SW	1.2	1.4	.6	.1	.0							3.4	4.9
WSW	.9	.6	.2	.1								1.8	4.4
W	2.1	.8	.5	.2								3.6	4.2
WNW	1.4	1.2	.3	.1		.0						3.1	4.2
NW	1.0	2.0	1.4	.3	.3	.1						5.1	6.7
NNW	1.2	1.7	1.3	.5	.1							4.8	6.3
VARBL													
CALM												31.5	
	24.1	26.3	14.2	3.1	.6	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 2350

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/HAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45, 50-72 OCT  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
2100-2300  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	3.0	1.8	.2	.0							8.2	4.9
NNE	1.4	1.6	.7	.5								4.2	5.6
NE	1.3	1.5	.9	.1								3.9	5.0
ENE	.4	1.0	.7	.1								2.2	5.9
E	2.1	2.0	.5	.0								4.6	4.0
ESE	1.5	1.2	.3									3.1	3.8
SE	1.1	1.4	.6									3.1	4.4
SSE	1.6	1.9	1.1	.3								4.9	5.4
S	1.4	3.6	1.7	.3								7.0	5.5
SSW	.9	1.1	.8	.3	.1							3.2	6.4
SW	1.3	1.5	.6	.2								3.5	4.8
WSW	.7	.3	.2	.1								1.3	4.3
W	1.0	.8	.3	.2	.1							2.5	5.2
WNW	.9	.7	.3	.1	.0							2.1	4.8
NW	1.2	1.2	.9	.4	.1	.0						3.9	6.3
NNW	1.8	1.5	1.9	.3	.1	.0						5.7	6.0
VARBL													
CALM												36.6	
	22.1	24.3	13.3	3.2	.5	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 2353

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 43-44,50-72 YEARS  
STATION NAME CLASS ALL WEATHER  
CONDITION  
HOURS (L.S.T.) 0000-0200

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	2.0	1.4	.7	.3	.0						7.6	5.8
NNE	.9	1.3	.7	.3	.0							3.3	5.9
NE	.9	1.3	.6	.0								2.9	5.0
ENE	.6	.9	.4	.0	.0							2.0	5.2
E	1.8	1.4	.4	.0								3.6	4.0
ESE	1.5	1.1	.5									3.1	4.2
SE	1.2	2.0	1.0	.0	.0							4.3	5.1
SSE	.7	1.6	1.4	.6	.1							4.4	7.1
S	2.1	4.5	4.0	1.8	.3	.1						12.8	7.2
SSW	.8	1.7	1.5	.8	.0	.2						5.1	7.5
SW	.7	1.5	.9	.4	.2							3.6	6.7
WSW	.6	.6	.6	.2	.0	.0						2.0	6.7
W	1.6	1.5	.9	.4	.1							4.5	5.7
WNW	.8	1.9	1.3	.6	.1							4.6	6.9
NW	1.3	2.5	1.7	.9	.2	.0						6.6	7.0
NNW	1.2	1.8	1.3	1.2	.1							5.7	7.3
VARBL													
CALM												23.9	
	19.8	27.5	18.6	8.2	1.6	.4						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2244

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806	FORT CAMPBELL KY/CAMPBELL AAF	43-44,50-72	NDV
STATION	STATION NAME	YEARS	MONTH
	ALL WEATHER		0300-0500
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.3	1.6	.9	.2							7.5	6.0
NNE	.9	1.0	.6	.2	.0							2.7	5.7
NE	.8	1.2	.3	.0								2.3	4.4
ENE	.3	.8	.4	.1								1.5	5.7
E	2.2	2.0	.6	.2								5.0	4.3
ESE	1.5	1.7	.3	.0								3.5	4.0
SE	1.2	2.1	.8	.2	.0							4.4	5.3
SSE	.8	1.9	1.1	.8	.3							4.9	7.2
S	2.1	4.3	2.9	1.3	.0							10.7	6.5
SSW	.8	1.2	2.2	.5	.1	.0						4.9	7.2
SW	.7	1.5	1.2	.3	.2	.0						3.9	7.0
WSW	.6	.4	.7	.6	.3							2.6	8.9
W	1.3	1.9	1.3	.4		.0						5.0	6.1
WNW	.8	1.8	1.1	.4	.1	.0						4.3	6.7
NW	1.4	2.7	1.8	.7	.1	.1						6.8	6.8
NNW	1.5	1.1	2.0	1.2	.2	.0						6.1	7.5
VARBL													
CALM												23.7	
	19.7	27.7	18.8	8.0	1.7	.4						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2240

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-44, 50-72 NOV  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0600-0800  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.0	1.7	.6		.0						6.7	5.8
NNE	1.0	.7	.8	.2	.1	.0						2.9	6.3
NE	.9	1.1	.4	.1								2.6	4.9
ENE	.6	1.0	.5									2.1	4.8
E	1.9	1.9	.8	.3	.1							4.9	5.1
ESE	1.9	1.8	.8	.1								4.6	4.7
SE	1.5	2.3	1.0	.2	.0							5.0	5.3
SSE	1.8	2.7	1.2	.7	.1	.0						6.6	6.2
S	1.9	3.8	3.3	1.6	.1							10.7	6.9
SSW	1.1	1.7	2.0	1.2	.0							6.1	7.3
SW	.8	1.5	1.9	.5	.1	.0						4.8	7.3
WSW	.9	.8	.8	.5	.1							3.1	6.7
W	1.3	1.7	1.5	.5	.1							5.2	6.6
WNW	.9	1.5	1.3	.3	.0	.1						4.1	6.6
NW	1.2	2.5	2.1	1.8	.2	.1						7.9	7.9
NNW	1.2	1.6	1.7	.9	.1							5.5	7.0
VARBL													
CALM												17.2	
	21.3	26.5	21.9	9.5	1.2	.4						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2242



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12806 FLRT CAMPBELL KY/CAMPBELL AAF 43-44,50-72 ADV  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 0900-1100  
CLASS HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.5	1.8	.8								6.5	6.2
NNE	.8	.9	1.2	.2	.3							3.5	7.1
NE	.4	.8	.8	.3								2.4	6.7
ENE	.3	1.0	.9	.2	.0							2.5	7.0
E	.8	2.0	1.7	.3								4.8	6.0
ESE	.8	1.0	1.0	.2	.0							3.0	6.2
SE	.6	2.3	1.7	.4	.1	.0						5.3	7.0
SSE	1.3	2.4	2.3	1.2	.2	.0						7.3	7.4
S	1.2	3.2	5.1	1.8	.4	.0						11.7	8.2
SSW	.4	1.3	4.0	2.8	.3							8.8	9.5
SW	.6	1.0	2.6	1.7	.6							6.6	9.7
WSW	.8	1.0	2.7	1.7	.4							5.6	8.8
W	.4	1.7	2.5	1.5	.3							6.4	8.7
WNW	.5	1.7	2.3	1.2	.2	.1						6.1	8.5
NW	.4	1.6	2.9	2.2	.5	.1						7.7	9.8
NNW	.9	1.9	2.6	1.2	.2	.0						7.0	8.1
VARBL													
CALM												4.0	
	11.7	26.2	36.4	17.7	3.5	.4						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2240

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 43-44, 50-72 YEARS  
MONTH NOV  
1200-1400 HOURS (L.S.T.)  
CLASS ALL WEATHER  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	2.4	.8	.2							7.3	6.9
NNE	.6	.9	1.0	.4	.1	.0						3.1	7.3
NE	.5	.8	.4	.1	.0							1.9	5.3
ENE	.4	.7	.5	.1	.1							1.7	6.7
E	1.1	1.9	1.5	.2								4.1	5.2
ESE	.4	1.4	1.0	.1								3.0	6.0
SE	.4	1.3	1.2	.4		.0	.1					3.3	7.7
SSE	1.0	1.7	1.5	.8	.1	.2						5.2	7.7
S	1.1	2.2	4.1	2.5	.3	.1						10.3	8.8
SSW	.6	1.8	2.4	3.0	.6	.1						9.5	9.7
SW	.4	1.3	3.0	2.9	.6							8.2	10.2
WSW	.5	1.1	2.9	2.1	.5							7.1	9.8
W	.3	2.3	2.8	2.1	.3							8.4	8.7
WNW	.5	1.7	3.1	2.1	.5	.0						7.7	9.1
NW	.5	1.3	3.6	2.4	.8	.2						8.7	10.1
NNW	.4	3.0	2.9	1.0	.1	.1						7.5	7.8
VARBL													
CALM												3.3	
	10.4	26.1	34.7	20.7	3.9	.8	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2243

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-44,50-72  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
CV  
MONTH  
1500-1700  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.8	2.4	.6	.2							7.9	6.2
NNE	.3	1.5	.9	.1	.0	.0						3.4	6.0
NE	.5	.9	.6	.3								2.4	6.4
ENE	.7	1.3	.4	.0								2.5	4.6
E	1.5	2.0	.6	.0								4.3	4.4
ESE	.8	1.6	.6	.0								3.2	4.9
SE	1.1	1.2	1.0	.4			.0					3.7	6.4
SSE	.4	1.3	1.7	.4	.1							4.1	7.2
S	1.2	3.3	3.3	1.7	.4	.1						10.1	8.0
SSW	.6	2.1	3.3	1.2	.4							7.6	8.3
SW	.7	1.6	2.2	1.1	.3							5.8	8.2
WSW	.5	1.5	2.1	1.2	.1							5.4	8.2
W	1.3	2.7	2.7	1.0	.2	.0						7.9	7.2
WNW	.7	1.8	2.2	1.3	.1							6.2	7.8
NW	1.2	2.9	2.8	1.7	.6	.1						9.3	8.3
NNW	1.5	2.8	2.0	.6	.2	.0						7.3	6.6
VARBL													
CALM												8.9	
	15.8	31.4	29.2	11.6	2.7	.4	.0					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 STATION EPT CAMPBELL KY/CAMPBELL AAF 43-44, 50-72 YEARS NORTH  
CLASS ALL WEATHER 1500-2000 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.2	3.1	1.7	.5	.2							8.8	5.4
NNE	1.1	1.6	1.1	.2	.0							4.0	5.6
NE	.4	1.1	.3	.2								2.1	5.7
ENE	1.0	1.5	.4	.0								2.9	4.5
E	1.6	1.9	.9	.1								4.5	4.7
ESE	1.2	1.2	.3	.4								3.0	5.1
SE	.9	1.0	1.6	.4								4.7	6.2
SSE	1.0	2.1	1.3	.4	.0							4.8	6.3
S	1.5	4.7	3.4	1.5	.1							11.2	7.0
SSW	1.0	1.7	1.2	.7	.2	.0						4.8	6.9
SW	.9	1.5	1.3	.4	.1		.0					4.3	6.8
WSW	.8	1.4	.7	.5	.1							3.5	6.6
W	1.7	1.3	1.3	.2	.2							4.7	5.7
WNW	.7	1.7	1.4	.5								4.3	6.7
NW	1.3	1.9	2.3	.8	.3	.0						6.6	7.4
NNW	1.6	2.5	1.9	.5	.1	.0						6.7	6.3
VARBL													
CALM												19.1	
	20.0	30.9	20.9	7.4	1.5	.1	.0					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2235

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806	FORT CAMPBELL KY/CAMPBELL AAF	43-44, 50-72	NOV
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			2100-2300
CLASS			MOUSE (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	2.9	1.2	.8	.2	.0						7.1	6.2
NNZ	1.0	2.3	.9	.4								4.5	5.6
NE	.8	1.4	.7	.2								3.1	5.5
ENE	.6	1.3	.6									2.5	4.9
E	1.8	1.1	.3	.1								3.3	3.9
ESE	.9	1.3	.6	.0	.0							2.9	5.0
SE	.8	1.7	1.3	.4								4.1	6.3
SSE	.7	2.0	1.8	.4								4.8	6.5
S	1.5	4.2	4.5	1.7	.4	.1	.0					12.4	7.8
SSW	1.5	1.9	1.6	.5	.2	.1						5.8	6.9
SW	.7	1.7	.8	.6	.1							4.0	7.0
WSW	.6	.9	.8	.2								2.5	6.1
W	1.0	1.6	1.0	.4	.1							4.1	6.3
WNW	1.0	1.1	1.2	.4	.0							3.8	6.5
NW	1.0	2.1	1.9	1.2	.1							6.3	7.5
NNW	1.3	1.6	2.2	1.1	.0							6.2	7.2
VARBL													
CALM												22.4	
	17.0	28.9	21.4	8.7	1.2	.3	.0					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2242

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE/ IAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 43-44,50-72 YEARS DEC MONTH 0000-0200 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.9	2.8	.9	.0							8.0	6.7
NNE	.5	1.9	1.2	.3	.0							3.9	6.4
NE	.6	1.3	.8	.3	.1							3.1	6.7
ENE	.0	1.1	.3	.1								2.4	4.9
E	1.5	1.6	1.1	.3								4.5	5.3
ESE	1.1	1.6	1.0	.1								3.8	5.1
SE	.7	2.3	1.4	.4	.0							4.9	6.3
SSE	.6	1.4	1.6	.9	.0							4.6	7.3
S	1.3	3.9	3.5	2.0	.2							17.8	7.4
SSW	1.3	1.7	1.3	1.3	.0	.0						5.7	7.2
SW	.9	1.4	1.9	.8	.1	.0						5.2	7.3
WSW	.4	1.6	1.4	.5	.0							3.9	7.3
W	1.0	1.6	1.4	.8	.1		.0					5.0	7.4
WNW	1.1	.8	1.2	.5	.0							3.6	6.5
NW	.6	2.5	2.3	.9	.2	.1						6.6	7.8
NNW	.8	1.8	1.9	.6	.2							5.4	7.4
VARBL													
CALM												18.7	
	14.6	29.3	25.2	10.7	1.2	.2	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2309

DATA PROCESSING  
STAC/USAF  
AIR WEATHER SERVICE/ AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44, 50-72  
YEARS

EC  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.3	2.8	.8	.0	.0						7.9	6.6
NNE	.7	1.3	1.5	.4								3.9	6.8
NE	.4	1.7	.8	.2								3.1	6.0
ENE	.5	.5	.6	.1								1.7	5.8
E	1.7	2.3	1.3	.3								5.6	5.3
ESE	.9	1.9	.5	.1								3.4	4.8
SE	1.0	2.0	1.6	.5								5.0	6.4
SSE	.5	1.6	1.4	.8	.1							4.4	7.4
S	1.6	3.1	3.7	1.5	.1	.0						10.1	7.1
SSW	1.1	1.6	2.4	1.3	.3							6.6	8.0
SW	.8	1.2	2.0	1.0	.1	.0						5.0	7.9
WSW	.8	1.3	1.4	.6	.0	.1						4.3	7.0
W	1.0	1.6	1.1	.5	.0							4.3	6.4
WNW	.4	1.3	1.6	.5	.0							3.9	7.2
NW	1.1	2.2	2.1	1.0	.3							6.9	7.6
NNW	.7	1.9	2.4	.6	.2							5.7	7.3
VARBL													
CALM												18.2	
	14.4	28.8	27.1	10.1	1.2	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

2306

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-44,50-72 DEC  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0600-0800  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	3.0	2.7	.7								7.2	6.7
NNE	.4	1.7	1.7	.3	.0							4.7	6.4
NE	.4	1.6	1.6	.2								3.9	6.4
ENE	.6	.9	.5	.2								2.3	5.9
E	1.6	1.7	.5	.3								4.5	5.2
ESE	.5	2.1	1.6	.3								4.5	6.3
SE	1.2	2.3	1.4	.6	.2							5.7	6.5
SSE	.9	2.3	1.2	.7	.0							5.2	6.3
S	1.6	3.5	3.3	1.9	.2	.0						10.9	7.2
SSW	.9	1.7	2.5	1.2	.3	.0						6.7	8.2
SW	1.1	1.2	1.2	1.2	.3							4.9	7.8
WSW	.7	1.3	1.6	.7	.2	.0						4.7	7.3
W	1.4	1.2	1.7	.6	.1							5.1	6.6
WNW	1.0	1.3	1.5	.6	.1							4.5	7.1
NW	1.0	1.7	1.6	1.2	.4							5.9	6.1
NNW	.3	1.4	2.2	.7	.1							5.2	7.4
VARBL													
CALM												14.2	
	15.8	29.1	27.2	11.5	2.0	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2316



DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FLRT CAMPBELL KY/CAMPBELL AAF 43-44,50-72 DEC  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
1900-1100  
HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.6	2.3	.7	.1							6.6	7.0
NNE	.4	.9	1.6	.7	.1							3.6	7.8
NE	.7	1.8	1.3	.3								4.1	6.0
ENE	.6	.8	1.3	.3	.1							3.4	7.1
E	.6	1.7	1.2	.3	.0							4.5	6.8
ESE	.9	2.0	1.4	.2								4.6	5.9
SE	.5	1.9	1.7	.4	.1							4.7	6.8
SSE	.4	1.9	1.8	.9	.3							5.3	8.0
S	1.3	2.8	4.1	2.7	.3	.0	.0					11.3	8.6
SSW	1.1	1.5	3.4	3.3	.4	.2						9.8	9.6
SW	.3	1.4	2.9	2.4	.6	.4		.0				8.2	10.7
WSW	.4	1.0	2.3	2.2	.3	.0						6.3	10.0
W	.4	1.2	2.6	1.6	.2	.0						6.1	9.2
WNW	.4	.8	1.8	1.4	.4	.1						4.3	10.0
NW	.3	1.5	2.5	1.7	.4	.0						6.6	9.4
NNW	.5	1.7	2.3	1.3	.1							5.9	8.1
VARBL													
CALM												4.4	
	9.8	25.5	35.6	20.4	3.5	.8	.0	.0				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2318

DATA PROCESSING CENTER  
ETAC/USAF  
AIR WEATHER SERVICE/ AG

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 13806 STATION NAME FORT CAMPBELL KY/CAMPBELL AAF YEARS 43-44,50-72 MONTH DEC  
CLASS ALL WEATHER HOURS 1200-1400  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.4	1.9	1.1	.1							6.2	7.5
NNE	.6	1.0	1.3	.5	.0							3.3	7.2
NE	.3	1.0	1.0	.2								2.4	6.6
ENE	.4	1.2	1.2	.4		.0	.1					3.3	7.7
E	1.3	1.6	1.5	.1								4.5	5.6
ESE	.3	1.5	1.2	.4	.0							3.4	6.8
SE	.5	2.3	.9	.5	.0							4.4	6.4
SSE	.0	2.1	1.4	1.0	.2	.1						4.7	7.8
S	1.2	2.4	3.8	2.6	.7	.0						17.7	8.8
SSW	.5	1.3	3.3	2.7	.4	.2						8.4	10.1
SW	.2	1.1	3.7	2.9	.9	.4	.0					9.2	11.3
WSW	.4	1.2	3.3	2.8	.6	.0	.0					8.3	10.3
W	.4	1.1	3.9	2.2	.3							7.9	9.4
WNW	.3	1.4	1.5	1.5	.4	.1						5.2	9.8
NW	.4	1.4	2.9	1.9	.3	.1						7.1	9.5
NNW	.4	1.8	3.0	1.6	.2							7.0	8.6
VARBL													
CALM												2.9	
	8.9	24.7	35.7	22.4	4.2	1.0	.2					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 2312

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44, 50-72  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.0	2.2	1.0	.1							6.9	6.9
NNE	.5	1.3	1.5	.3								3.6	6.7
NE	.7	1.7	.5	.3		.1						3.3	6.2
ENE	1.4	1.4	1.2	.0								4.0	5.2
E	1.5	2.2	1.5	.0								5.3	5.2
ESE	.6	1.2	.8	.2								2.7	5.9
SE	.6	1.2	1.3	.3	.1							3.4	6.9
SSE	.6	1.8	1.9	1.4	.1	.0						5.7	8.1
S	1.2	3.1	4.4	1.9	.5	.0						11.1	8.2
SSW	.6	2.0	2.5	1.7	.2	.0						7.2	8.5
SW	.5	1.9	2.8	.9	.1	.0	.0					6.3	8.1
WSW	.6	2.1	2.9	1.4	.3							7.3	8.5
W	.9	2.0	2.9	1.4	.2	.1						7.4	8.0
WNW	.4	1.4	1.5	1.2	.2	.1						4.8	8.9
NW	.6	2.2	2.9	1.3	.2							7.3	8.1
NNW	1.2	2.0	2.8	1.3	.0							7.3	7.4
VARBL													
CALM												6.3	
	13.4	29.4	33.7	14.6	2.0	.5	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

2321

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-44,50-72 DEC  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLAS  
CONDITION  
1800-2000  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.7	2.8	.9	.1							9.5	6.5
NNE	.7	1.8	1.2	.3								4.0	6.2
NE	.8	1.0	1.3	.0	.0	.1						3.2	6.2
ENE	1.0	1.7	1.0	.0								3.7	5.3
E	1.4	1.7	1.2	.4								4.8	5.7
ESE	.8	1.6	1.0	.2								3.5	5.5
SE	.3	1.5	.9	.3		.1						3.6	6.3
SSE	.7	2.3	2.4	1.5	.1							7.0	7.8
S	1.5	3.3	4.2	1.8	.2							10.9	7.5
SSW	1.0	1.1	1.1	1.1	.1							4.4	7.6
SW	.8	2.3	1.6	.3	.1	.1						5.2	6.8
WSW	.8	1.8	1.1	.6	.0	.1	.0					4.5	7.2
W	1.3	1.8	1.2	.9	.1							5.3	6.8
WNW	.5	1.1	1.2	.7	.1	.2	.0	.0				3.9	8.7
NW	1.0	2.2	1.9	.9	.2							6.1	7.3
NNW	1.1	2.7	2.0	1.0	.1							7.0	6.9
VARBL													
CALM												14.3	
	16.0	30.7	26.0	11.0	1.3	.6	.1	.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 2300

DATA PROCESSING OF  
ETAC/LSAF  
AIR WEATHER SERVICE/ IAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 FLRT CAMPBELL KY/CAMPBELL AAF 43-44,50-72 DEC  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 2100-2300  
CLASS HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.9	2.8	1.0	.1	.0						8.6	6.8
NNE	1.5	1.2	1.5	.3								4.0	6.3
NE	.6	1.3	.6	.0	.1	.0						2.6	6.0
ENE	.4	1.0	.7	.1								2.2	5.7
E	1.7	2.3	1.5	.4								5.9	5.5
ESE	1.1	1.5	.5	.2	.0							3.4	5.1
SE	1.1	2.2	1.3	.4	.0							5.1	6.0
SSE	.7	1.5	1.9	1.1	.2	.2						5.6	8.5
S	1.6	3.2	3.8	1.9	.2							10.6	7.7
SSW	.6	1.6	1.5	1.6								5.3	8.0
SW	.8	2.4	1.5	1.1	.1							6.0	7.4
WSW	.5	1.3	.5	.6	.1	.0	.0					3.1	7.9
W	.8	1.4	1.4	1.0	.1	.0						4.8	7.7
WNW	.9	1.3	1.0	.2	.1	.1		.0				3.6	7.3
NW	.8	1.5	2.5	1.0	.3							6.0	8.0
NNW	1.1	2.0	2.2	1.3	.1							6.6	7.6
VARBL													
CALM												16.6	
	15.3	28.4	25.2	12.4	1.6	.5	.0	.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 2307

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 45-45, 50-72 YEARS ALL MONTH ALL HOURS (L.S.T.)  
INSTRUMENT  
CLASS  
CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE  
CONDITION  
AND/OR VSBY 1/2 T. 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.1	3.5	1.6	.3	.1	.0					10.5	7.8
NNE	.6	1.8	2.2	.7	.1	.0						5.5	7.2
NE	.7	1.4	1.3	.4	.1	.0						3.8	6.8
ENE	.6	1.1	1.0	.2	.0	.0	.0					2.9	6.5
E	1.2	1.9	1.4	.4	.0	.0						4.9	6.0
ESE	.9	1.5	1.2	.3	.0	.0						3.9	6.2
SE	1.0	2.0	1.7	.4	.1		.0	.0				5.1	6.5
SSE	.8	1.7	1.6	.8	.1	.0	.0			.0		5.2	7.4
S	1.2	2.3	2.6	1.0	.2	.0	.0					7.3	7.3
SSW	.6	1.4	1.6	.9	.1	.0	.0					4.7	7.8
SW	.7	1.1	1.5	.7	.2	.0	.0					4.2	8.0
WSW	.7	1.0	1.2	.8	.1	.1	.0					3.9	8.0
W	.8	1.4	1.7	.9	.2	.1	.0	.0				5.1	7.9
WNW	.5	1.1	1.6	1.0	.2	.1	.0	.0				4.7	8.7
NW	.7	1.6	2.5	1.8	.5	.2	.0					7.2	9.5
NNW	.2	2.0	3.4	2.1	.5	.1						9.1	9.1
VARBL													
CALM												11.9	
	13.5	26.5	30.2	14.4	2.7	.7	.1	.0		.0		100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 23622

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	$\geq 10$	$\geq 6$	$\geq 5$	$\geq 4$	$\geq 3$	$\geq 2\frac{1}{2}$	$\geq 2$	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	$\geq 1$	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	$\geq 0$
NO CEILING																
$\geq 1800$																
$\geq 1500$					91.0											92.6
$\geq 1200$																
$\geq 1000$																
$\geq 900$																
$\geq 800$																
$\geq 700$																
$\geq 600$																
$\geq 500$										97.4						98.1
$\geq 400$																
$\geq 300$																
$\geq 200$																
$\geq 100$																
$\geq 0$					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq 0$ .

For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.

Ceiling  $\geq 500$  feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:

Visibility  $\geq 3$  miles = 95.4%.

Visibility  $\geq 2$  miles = 96.9%.

Visibility  $\geq 1$  mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  miles = 91.0%.



#### ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.  
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq 500$  feet with visibility  $\geq 1$  mile, but < 3 miles; or ceiling  $\geq 500$  feet, but < 1500 feet with visibility  $\geq 1$  mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING LAB CM  
USAF ETAC  
AIR WEATHER SERVICE PAC

# CEILING VERSUS VISIBILITY

13805 STATION FORT CAMPBELL KY/CAMPBELL AAF 42-45,50-72 YEARS ALL MONTH ALL HOURS (EST)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	17.7	46.7	49.2	50.6	51.5	51.7	52.1	52.3	52.3	52.5	52.5	52.5	52.7	52.7	52.7	52.9
≥ 20000	20.2	53.1	55.9	57.5	58.5	58.7	59.2	59.4	59.4	59.6	59.7	59.7	59.8	59.8	59.9	60.1
IV 18000	20.2	53.2	56.0	57.6	58.6	58.8	59.3	59.5	59.5	59.7	59.7	59.7	59.8	59.9	60.0	60.2
IV 16000	20.4	53.3	56.2	57.8	58.8	59.0	59.5	59.7	59.7	59.9	59.9	60.0	60.1	60.1	60.2	60.4
IV 14000	20.7	54.1	56.9	58.5	59.6	59.8	60.3	60.5	60.5	60.7	60.8	60.8	60.9	60.9	61.0	61.2
IV 12000	21.4	55.7	58.8	60.3	61.5	61.7	62.2	62.5	62.5	62.7	62.8	62.8	63.0	63.0	63.1	63.2
IV 10000	22.2	58.3	61.3	63.3	64.4	64.7	65.2	65.4	65.5	65.7	65.8	65.8	65.9	65.9	66.0	66.2
IV 9000	22.4	59.2	62.5	64.4	65.5	65.8	66.3	66.5	66.6	66.8	66.9	66.9	67.0	67.0	67.1	67.3
IV 8000	22.9	61.3	64.8	66.7	67.9	68.2	68.8	69.0	69.0	69.3	69.4	69.4	69.5	69.5	69.6	69.7
IV 7000	23.2	62.9	66.6	68.6	69.9	70.2	70.7	71.2	71.0	71.2	71.3	71.4	71.5	71.5	71.6	71.7
IV 6000	23.3	63.9	67.6	69.7	71.0	71.3	71.9	72.2	72.2	72.5	72.6	72.6	72.7	72.7	72.8	72.9
IV 5000	23.9	65.6	69.6	71.8	73.2	73.5	74.2	74.4	74.5	74.7	74.8	74.8	74.9	75.0	75.1	75.2
IV 4500	24.1	66.5	70.6	72.9	74.3	74.6	75.3	75.5	75.5	75.8	75.9	75.9	76.0	76.1	76.2	76.3
IV 4000	24.7	68.3	72.5	74.9	76.4	76.8	77.5	77.7	77.8	78.0	78.2	78.2	78.3	78.3	78.4	78.6
IV 3500	25.2	69.8	74.2	76.7	78.2	78.6	79.3	79.6	79.6	79.9	80.0	80.0	80.2	80.2	80.3	80.4
IV 3000	26.1	72.2	76.9	79.5	81.2	81.6	82.3	82.6	82.7	83.0	83.1	83.1	83.2	83.3	83.4	83.5
IV 2500	26.7	74.1	78.9	81.7	83.5	83.9	84.7	85.0	85.1	85.4	85.5	85.5	85.7	85.7	85.8	85.9
IV 2000	27.1	76.1	81.2	84.1	86.0	86.5	87.4	87.7	87.8	88.1	88.2	88.2	88.4	88.4	88.5	88.6
IV 1800	27.3	76.6	81.8	84.9	86.8	87.3	88.2	88.5	88.6	88.9	89.0	89.0	89.2	89.2	89.3	89.5
IV 1500	27.5	77.6	83.0	86.1	88.2	88.7	89.6	90.0	90.1	90.4	90.5	90.6	90.7	90.7	90.8	91.0
IV 1200	27.7	78.5	84.2	87.3	89.6	90.3	91.3	91.8	91.8	92.2	92.3	92.3	92.5	92.5	92.6	92.8
IV 1000	27.7	79.3	84.9	88.4	90.7	91.3	92.4	92.9	93.0	93.4	93.5	93.6	93.7	93.8	93.9	94.0
IV 900	27.7	79.3	85.3	88.8	91.3	91.9	93.1	93.6	93.6	94.1	94.2	94.2	94.4	94.4	94.6	94.7
IV 800	27.7	79.5	85.6	89.3	91.9	92.6	93.8	94.3	94.4	94.9	95.1	95.1	95.3	95.3	95.4	95.6
IV 700	27.7	79.7	85.9	89.7	92.4	93.1	94.3	95.0	95.1	95.6	95.8	95.8	96.1	96.1	96.2	96.4
IV 600	27.7	79.9	86.2	90.1	92.8	93.6	95.0	95.7	95.8	96.3	96.6	96.6	96.8	96.9	97.0	97.1
IV 500	27.7	80.0	86.3	90.3	93.2	94.1	95.6	96.3	96.4	97.1	97.3	97.3	97.6	97.6	97.8	97.9
IV 400	27.7	80.0	86.4	90.5	93.5	94.4	96.0	96.8	97.0	97.7	98.0	98.0	98.3	98.3	98.5	98.7
IV 300	27.7	80.0	86.5	90.6	93.6	94.6	96.3	97.2	97.3	98.1	98.5	98.5	98.8	98.8	99.1	99.3
IV 200	27.7	80.0	86.5	90.6	93.6	94.6	96.4	97.3	97.5	98.3	98.7	98.7	99.1	99.2	99.4	99.6
IV 100	27.7	80.0	86.5	90.6	93.6	94.6	96.4	97.3	97.5	98.3	98.7	98.8	99.2	99.3	99.5	99.8
IV 0	27.7	80.0	86.5	90.6	93.6	94.6	96.4	97.3	97.5	98.3	98.7	98.8	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 215344

DATA PROCESSING ON  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (24)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.5	37.5	38.8	39.6	39.7	40.0	40.2	40.2	40.4	40.5	40.5	40.5	40.6	40.7	40.9	
≥ 20000	40.2	42.7	44.2	45.2	45.4	45.7	45.9	46.0	46.1	46.2	46.3	46.3	46.4	46.4	46.5	46.6
IV 18000	40.4	42.8	44.2	45.3	45.4	45.8	46.0	46.0	46.2	46.4	46.4	46.5	46.5	46.6	46.7	46.7
IV 16000	40.5	42.9	44.4	45.5	45.6	46.0	46.2	46.2	46.5	46.6	46.6	46.7	46.7	46.8	46.9	46.9
IV 14000	41.0	43.6	45.1	46.2	46.4	46.9	47.0	47.1	47.3	47.4	47.4	47.4	47.6	47.6	47.7	47.8
IV 12000	42.3	45.0	46.6	47.8	48.1	48.5	48.7	48.7	49.0	49.1	49.1	49.2	49.2	49.4	49.5	49.5
IV 10000	44.2	47.2	49.0	50.2	50.5	50.9	51.1	51.2	51.4	51.6	51.6	51.7	51.7	51.8	52.0	52.0
IV 9000	44.9	48.0	49.8	51.1	51.4	51.8	52.0	52.1	52.3	52.5	52.5	52.6	52.6	52.7	52.9	52.9
IV 8000	46.7	49.4	51.2	53.2	53.6	54.1	54.2	54.3	54.6	54.7	54.7	54.8	54.8	55.0	55.1	55.1
IV 7000	48.1	51.6	53.6	55.0	55.4	55.9	56.1	56.1	56.4	56.5	56.6	56.7	56.7	56.8	57.0	57.0
IV 6000	49.1	52.6	54.7	56.2	56.6	57.1	57.3	57.3	57.6	57.7	57.7	57.9	57.9	58.0	58.2	58.2
IV 5000	50.8	54.6	56.9	58.5	58.9	59.5	59.7	59.7	60.0	60.1	60.2	60.3	60.4	60.5	60.6	60.6
IV 4500	51.6	55.0	57.9	59.6	60.0	60.6	60.6	60.8	61.2	61.3	61.3	61.5	61.5	61.6	61.7	61.7
IV 4000	53.0	57.2	59.6	61.4	61.8	62.5	62.8	62.8	63.2	63.3	63.3	63.5	63.5	63.6	63.8	63.8
IV 3500	54.3	58.6	61.1	63.0	63.5	64.1	64.4	64.5	64.8	65.0	65.0	65.2	65.2	65.3	65.5	65.5
IV 3000	56.0	61.1	63.8	65.8	66.3	67.1	67.4	67.5	67.9	68.0	68.1	68.3	68.3	68.4	68.6	68.6
IV 2500	58.5	63.3	66.2	68.2	68.8	69.6	70.0	70.1	70.5	70.6	70.7	70.9	70.9	71.0	71.2	71.2
IV 2000	61.5	66.8	70.1	72.3	73.0	73.9	74.4	74.5	74.9	75.1	75.1	75.3	75.4	75.5	75.7	75.7
IV 1800	62.7	68.1	71.5	73.8	74.5	75.5	76.0	76.1	76.5	76.7	76.7	77.0	77.0	77.1	77.3	77.3
IV 1500	64.2	70.0	73.6	76.1	76.9	77.9	78.5	78.5	79.0	79.2	79.3	79.5	79.5	79.7	79.9	79.9
IV 1200	65.8	72.2	76.3	79.1	79.9	81.2	81.7	81.9	82.4	82.6	82.6	82.9	82.9	83.1	83.3	83.3
IV 1000	66.6	73.4	77.7	80.8	81.7	83.1	83.8	83.9	84.5	84.6	84.8	85.1	85.2	85.3	85.5	85.5
IV 900	67.1	74.2	78.6	82.0	83.0	84.6	85.3	85.5	86.1	86.4	86.5	86.7	86.8	87.0	87.2	87.2
IV 800	67.5	74.8	79.5	83.2	84.4	86.2	87.0	87.2	88.0	88.3	88.4	88.7	88.8	89.0	89.2	89.2
IV 700	67.9	75.4	80.3	84.1	85.4	87.4	88.3	88.5	89.4	89.7	89.8	90.1	90.2	90.4	90.6	90.6
IV 600	68.2	75.8	80.9	85.0	86.5	88.8	89.8	90.1	91.1	91.5	91.6	92.0	92.1	92.3	92.5	92.5
IV 500	68.3	76.2	81.5	85.9	87.6	90.1	91.4	91.7	92.8	93.3	93.4	93.8	93.9	94.2	94.4	94.4
IV 400	68.5	76.4	82.0	86.6	88.4	91.2	92.6	93.0	94.4	95.0	95.1	95.6	95.7	96.1	96.3	96.3
IV 300	68.5	76.5	82.1	86.9	88.8	91.8	93.4	93.8	95.5	96.3	96.5	97.1	97.3	97.6	97.9	97.9
IV 200	68.6	76.5	82.1	87.0	88.9	91.9	93.6	94.1	96.0	97.0	97.1	98.0	98.2	98.6	98.9	98.9
IV 100	68.6	76.5	82.1	87.0	88.9	91.9	93.6	94.2	96.1	97.0	97.2	98.2	98.5	99.0	99.4	99.4
IV 0	68.6	76.5	82.1	87.0	88.9	91.9	93.6	94.2	96.1	97.1	97.3	98.2	98.5	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 17680

DATA PROCESSING  
USAF ETAC  
AIR WEATHER SERVICE/ETAC

# CEILING VERSUS VISIBILITY

13806  
STATION

F. R. CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

FEB  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.1	18.3	40.1	41.1	42.0	42.0	42.4	42.5	42.6	42.7	42.7	42.7	42.8	42.8	42.8	43.0
≥ 20000	13.7	43.8	45.9	47.3	48.3	48.4	48.8	49.0	49.0	49.1	49.2	49.2	49.3	49.3	49.3	49.5
≥ 18000	13.7	43.9	46.0	47.4	48.4	48.5	49.0	49.2	49.2	49.3	49.4	49.4	49.5	49.5	49.5	49.7
≥ 16000	13.3	44.3	46.2	47.6	48.6	48.7	49.2	49.3	49.4	49.5	49.5	49.6	49.6	49.7	49.7	49.9
≥ 14000	14.1	44.7	47.0	48.5	49.6	49.7	50.2	50.4	50.4	50.5	50.6	50.6	50.7	50.7	50.7	50.9
≥ 12000	14.2	45.9	48.3	50.0	51.1	51.2	51.8	52.0	52.0	52.1	52.2	52.2	52.3	52.3	52.3	52.5
≥ 10000	14.7	48.1	50.7	52.5	53.6	53.8	54.4	54.6	54.6	54.7	54.8	54.8	54.9	54.9	54.9	55.1
≥ 9000	14.8	48.9	51.7	53.5	54.7	54.9	55.5	55.7	55.7	55.8	55.9	55.9	56.0	56.0	56.1	56.2
≥ 8000	5.1	50.5	53.3	55.3	56.6	56.8	57.4	57.6	57.6	57.7	57.8	57.8	57.9	57.9	57.9	58.1
≥ 7000	5.4	51.9	55.0	57.0	58.4	58.6	59.2	59.4	59.4	59.5	59.6	59.6	59.7	59.7	59.8	59.9
≥ 6000	15.3	52.3	56.0	58.2	59.6	59.8	60.5	60.7	60.7	60.8	60.9	60.9	61.0	61.0	61.1	61.2
≥ 5000	15.3	55.1	58.5	60.8	62.4	62.6	63.3	63.5	63.5	63.7	63.8	63.8	63.9	63.9	63.9	64.1
≥ 4500	16.0	55.9	59.4	61.8	62.4	63.7	64.4	64.6	64.6	64.8	64.9	64.9	65.0	65.0	65.0	65.2
≥ 4000	16.2	57.1	60.9	63.6	65.4	65.7	66.4	66.7	66.7	66.8	66.9	66.9	67.1	67.1	67.1	67.3
≥ 3500	16.5	58.2	62.1	64.8	66.7	67.1	67.8	68.1	68.1	68.3	68.4	68.4	68.5	68.5	68.6	68.8
≥ 3000	16.5	61.0	64.4	67.3	69.5	69.8	70.7	71.0	71.1	71.2	71.4	71.4	71.5	71.5	71.6	71.7
≥ 2500	17.2	62.0	66.6	69.8	72.0	72.4	73.4	73.7	73.8	74.0	74.1	74.1	74.3	74.3	74.3	74.5
≥ 2000	17.8	64.5	69.6	73.1	75.7	76.2	77.3	77.6	77.7	78.0	78.1	78.1	78.3	78.3	78.4	78.5
≥ 1800	17.7	65.4	70.6	74.3	77.0	77.4	78.6	79.0	79.0	79.3	79.5	79.5	79.7	79.7	79.7	79.9
≥ 1500	18.1	66.7	72.3	76.2	79.2	79.7	81.1	81.6	81.7	82.0	82.2	82.2	82.3	82.4	82.4	82.6
≥ 1200	18.2	67.9	74.1	78.3	81.7	82.3	83.9	84.4	84.5	84.8	85.0	85.0	85.2	85.2	85.3	85.5
≥ 1000	18.2	68.7	75.2	79.6	83.2	84.1	85.8	86.5	86.6	87.0	87.3	87.3	87.5	87.5	87.6	87.8
≥ 900	18.4	69.1	75.8	80.5	84.5	85.3	87.1	87.9	88.0	88.5	88.7	88.8	89.0	89.0	89.1	89.2
≥ 800	18.4	69.5	76.5	81.3	85.6	86.5	88.5	89.4	89.5	90.1	90.4	90.4	90.6	90.7	90.8	91.0
≥ 700	18.4	69.7	76.8	81.8	86.3	87.3	89.5	90.5	90.6	91.3	91.6	91.7	91.9	92.0	92.1	92.3
≥ 600	18.4	69.9	77.1	82.4	87.2	88.3	90.8	91.9	92.0	92.8	93.2	93.2	93.6	93.6	93.7	93.9
≥ 500	18.4	70.0	77.3	82.8	87.8	89.0	91.8	93.1	93.3	94.2	94.7	94.7	95.1	95.2	95.4	95.6
≥ 400	18.4	70.0	77.4	83.0	88.2	89.5	92.4	93.9	94.2	95.3	95.8	95.9	96.4	96.5	96.6	96.8
≥ 300	18.4	70.0	77.5	83.1	88.5	89.8	92.9	94.7	95.0	96.3	97.1	97.2	97.8	97.9	98.1	98.4
≥ 200	18.4	70.0	77.5	83.1	88.5	89.9	93.0	94.9	95.2	96.7	97.6	97.7	98.6	98.7	99.0	99.3
≥ 100	18.4	70.0	77.5	83.1	88.5	89.9	93.1	94.9	95.3	96.7	97.7	97.8	98.8	98.9	99.3	99.7
≥ 0	18.4	70.0	77.5	83.1	88.5	89.9	93.1	94.9	95.3	96.8	97.7	97.8	98.8	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 16152

DATA PROCESSOR  
USAF ETAC  
AIR WEATHER SERVICE / AC

# CEILING VERSUS VISIBILITY

13P06 STATION NAME: CAMPBELL KY/CAMPBELL AAF 44-45,51-72 YEARS: MAR MONTH: ALL HOURS (LST)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	
NO CEILING	14.3	11.7	42.4	43.3	43.9	44.0	44.2	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.6	44.6
IV 20000	15.3	46.6	48.4	49.4	50.2	50.3	50.6	50.7	50.7	50.8	50.9	50.9	50.9	50.9	51.0	51.0
IV 18000	16.7	45.6	48.5	49.5	50.3	50.4	50.6	50.8	50.8	50.9	50.9	51.0	51.0	51.0	51.1	51.1
IV 16000	17.0	46.8	48.6	49.7	50.4	50.6	50.9	50.9	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2
IV 14000	17.2	47.3	49.2	50.2	51.0	51.2	51.4	51.5	51.5	51.7	51.7	51.7	51.8	51.8	51.8	51.9
IV 12000	17.5	48.5	50.5	51.6	52.4	52.5	52.8	52.9	53.1	53.1	53.1	53.2	53.2	53.2	53.3	53.3
IV 10000	18.1	50.4	52.5	53.7	54.5	54.7	55.0	55.2	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.5
IV 9000	18.2	51.4	53.6	54.8	55.6	55.8	56.1	56.3	56.3	56.4	56.5	56.5	56.6	56.6	56.6	56.6
IV 8000	18.5	53.3	55.8	57.1	58.0	58.2	58.6	58.7	58.7	58.9	58.9	59.0	59.0	59.0	59.1	59.1
IV 7000	18.9	55.2	57.9	59.3	60.3	60.5	60.9	61.1	61.1	61.3	61.3	61.3	61.4	61.4	61.5	61.5
IV 6000	19.4	58.8	61.8	63.5	64.7	64.9	65.3	65.6	65.6	65.7	65.8	65.8	65.9	65.9	65.9	66.0
IV 5000	19.4	59.8	63.0	64.6	65.9	66.2	66.7	66.9	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.3
IV 4500	20.1	61.9	65.3	67.2	68.5	68.7	69.2	69.5	69.5	69.7	69.7	69.8	69.8	69.8	69.9	69.9
IV 4000	20.5	63.7	67.3	69.4	70.8	71.1	71.6	71.9	71.9	72.1	72.2	72.2	72.2	72.2	72.3	72.3
IV 3500	21.2	66.9	70.9	73.3	74.8	75.1	75.8	76.1	76.1	76.3	76.4	76.4	76.4	76.4	76.5	76.5
IV 3000	21.3	69.6	74.0	76.5	78.1	78.5	79.3	79.6	79.6	79.8	79.9	79.9	80.0	80.0	80.0	80.1
IV 2500	22.3	72.7	77.5	80.3	82.1	82.5	83.4	83.8	83.8	84.1	84.1	84.1	84.2	84.2	84.3	84.3
IV 2000	22.4	73.6	78.5	81.4	83.3	83.9	84.8	85.1	85.2	85.5	85.5	85.5	85.6	85.6	85.7	85.7
IV 1800	22.7	74.8	80.2	83.3	85.4	86.0	86.9	87.3	87.4	87.7	87.8	87.8	87.9	87.9	87.9	88.0
IV 1500	22.8	76.2	81.9	85.5	87.8	88.4	89.5	90.0	90.0	90.4	90.5	90.5	90.6	90.6	90.7	90.7
IV 1200	22.9	76.8	82.7	86.5	89.0	89.7	91.1	91.5	91.5	91.9	92.1	92.1	92.2	92.2	92.3	92.3
IV 1000	22.9	77.0	83.2	87.1	89.8	90.5	92.0	92.5	92.6	93.0	93.1	93.2	93.3	93.3	93.4	93.4
IV 900	22.9	77.4	83.7	87.7	90.6	91.5	93.0	93.6	93.6	94.1	94.3	94.3	94.5	94.5	94.6	94.6
IV 800	22.9	77.7	84.1	88.3	91.3	92.3	93.9	94.6	94.6	95.2	95.4	95.4	95.7	95.7	95.8	95.8
IV 700	23.0	77.8	84.3	88.7	91.8	92.8	94.6	95.4	95.5	96.1	96.3	96.4	96.6	96.6	96.7	96.8
IV 600	23.0	77.9	84.6	89.2	92.5	93.7	95.8	96.7	96.9	97.7	98.0	98.1	98.4	98.4	98.5	98.6
IV 500	23.0	78.0	84.7	89.3	92.7	93.9	96.1	97.2	97.3	98.4	98.9	98.9	99.5	99.5	99.7	99.8
IV 400	23.0	78.1	84.7	89.3	92.7	93.9	96.1	97.2	97.3	98.4	98.9	98.9	99.5	99.5	99.7	99.8
IV 300	23.0	78.1	84.7	89.3	92.7	93.9	96.1	97.2	97.3	98.4	98.9	98.9	99.5	99.5	99.7	99.8
IV 200	23.0	78.1	84.7	89.3	92.7	93.9	96.1	97.2	97.3	98.4	98.9	98.9	99.5	99.5	99.7	99.8
IV 100	23.0	78.1	84.7	89.3	92.7	93.9	96.1	97.2	97.3	98.4	98.9	98.9	99.5	99.5	99.7	99.8
IV 0	23.0	78.1	84.7	89.3	92.7	93.9	96.1	97.2	97.3	98.4	98.9	98.9	99.5	99.5	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS 17757

DATA PROCESSING (7-7) CH  
USAF ETAC  
AIR WEATHER SERVICE/JAC

# CEILING VERSUS VISIBILITY

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,50-72 APR  
STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	20.7	45.8	46.8	47.3	47.6	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	48.0
IV 20000	24.3	53.2	55.2	55.9	56.2	56.3	56.4	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.7
IV 18000	24.3	54.1	55.3	56.0	56.3	56.4	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.8	56.8
IV 16000	24.4	54.2	55.5	56.1	56.5	56.5	56.7	56.7	56.8	56.8	56.9	56.8	56.9	56.9	56.9	57.0
IV 14000	24.7	54.8	56.1	56.7	57.0	57.1	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.5	57.5	57.6
IV 12000	25.5	56.6	57.9	58.6	59.0	59.0	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.5
IV 10000	26.4	59.2	60.7	61.4	61.8	61.9	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.3	62.3	62.3
IV 9000	26.8	61.4	61.9	62.8	63.1	63.2	63.4	63.4	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.7
IV 8000	27.6	63.3	65.0	65.8	66.3	66.4	66.6	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9
IV 7000	28.2	65.9	67.7	68.6	69.1	69.2	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.7	69.7	69.7
IV 6000	28.9	67.9	69.9	70.9	71.3	71.5	71.7	71.8	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.1
IV 5000	29.4	71.5	72.8	73.8	74.3	74.5	74.8	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.2
IV 4500	30.1	71.8	74.1	75.2	75.8	76.0	76.3	76.4	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.6
IV 4000	31.1	74.5	77.1	78.3	78.9	79.2	79.5	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.9
IV 3500	32.3	76.7	79.4	80.7	81.4	81.6	82.0	82.1	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.4
IV 3000	33.7	80.1	83.0	84.5	85.3	85.5	85.9	86.0	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3
IV 2500	34.7	82.3	85.5	87.1	88.0	88.3	88.7	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.2
IV 2000	34.5	84.4	87.7	89.4	90.5	90.8	91.3	91.4	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.8
IV 1800	34.7	85.9	88.4	90.1	91.2	91.5	92.1	92.2	92.2	92.4	92.4	92.4	92.5	92.5	92.5	92.6
IV 1500	34.9	85.8	89.5	91.3	92.5	92.9	93.4	93.6	93.6	93.8	93.8	93.8	93.9	93.9	93.9	94.0
IV 1200	35.1	86.8	90.7	92.7	94.0	94.4	95.0	95.2	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.6
IV 1000	35.2	87.3	91.3	93.3	94.7	95.2	95.9	96.1	96.2	96.3	96.4	96.4	96.4	96.5	96.5	96.5
IV 900	35.2	87.5	91.5	93.6	95.1	95.6	96.3	96.6	96.6	96.8	96.8	96.8	96.9	96.9	96.9	97.0
IV 800	35.2	87.7	91.8	94.0	95.6	96.2	97.0	97.2	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6
IV 700	35.2	87.9	92.1	94.4	96.0	96.6	97.4	97.7	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.2
IV 600	35.2	88.0	92.3	94.7	96.4	97.0	97.8	98.1	98.2	98.4	98.5	98.5	98.5	98.6	98.6	98.7
IV 500	35.2	88.1	92.4	94.9	96.7	97.3	98.3	98.6	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.2
IV 400	35.2	88.1	92.5	95.0	96.8	97.4	98.4	98.8	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.5
IV 300	35.2	88.1	92.5	95.0	96.9	97.5	98.6	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.7
IV 200	35.2	88.1	92.6	95.0	96.9	97.6	98.6	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.8
IV 100	35.2	88.1	92.6	95.0	96.9	97.6	98.6	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.8	99.9
IV 0	25.2	88.1	92.6	95.0	96.9	97.6	98.6	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 17294

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

MAY  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.6	51.5	53.1	53.8	54.2	54.2	54.4	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.8	54.9
≥ 20000	26.1	60.5	62.4	63.2	63.7	63.8	64.0	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.4	64.6
IV 18000	26.1	60.6	62.4	63.3	63.8	63.8	64.1	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.5	64.6
IV 16000	26.2	60.7	62.5	63.4	63.9	63.9	64.2	64.3	64.3	64.3	64.4	64.4	64.5	64.5	64.6	64.7
IV 14000	26.6	61.3	63.2	64.0	64.5	64.6	64.8	64.9	64.9	65.0	65.1	65.1	65.2	65.2	65.3	65.4
IV 12000	27.4	63.2	65.1	66.1	66.6	66.7	66.9	67.0	67.0	67.1	67.2	67.2	67.2	67.3	67.3	67.5
IV 10000	28.5	66.1	68.1	69.1	69.7	69.8	70.0	70.1	70.1	70.2	70.3	70.3	70.4	70.4	70.5	70.6
IV 9000	28.8	67.1	69.2	70.2	70.8	70.9	71.1	71.2	71.2	71.3	71.4	71.4	71.5	71.5	71.6	71.7
IV 8000	29.6	69.6	71.8	72.9	73.5	73.6	73.8	74.0	74.0	74.1	74.2	74.2	74.2	74.3	74.4	74.5
IV 7000	30.1	71.3	73.7	74.9	75.6	75.7	75.9	76.0	76.0	76.2	76.2	76.3	76.3	76.4	76.4	76.6
IV 6000	30.4	72.3	74.8	76.1	76.7	76.9	77.1	77.2	77.2	77.4	77.4	77.5	77.5	77.5	77.6	77.8
IV 5000	31.1	74.5	77.1	78.6	79.3	79.5	79.7	79.8	79.8	80.0	80.0	80.1	80.1	80.2	80.2	80.4
IV 4500	31.6	75.7	78.4	79.9	80.7	80.9	81.1	81.2	81.2	81.4	81.5	81.5	81.5	81.6	81.7	81.8
IV 4000	32.6	78.1	81.1	82.7	83.6	83.8	84.1	84.2	84.2	84.4	84.4	84.5	84.5	84.6	84.7	84.8
IV 3500	33.4	79.8	82.9	84.6	85.5	85.7	86.0	86.2	86.2	86.3	86.4	86.4	86.5	86.5	86.6	86.8
IV 3000	34.4	82.0	85.3	87.1	88.1	88.3	88.6	88.8	88.8	89.0	89.0	89.1	89.1	89.2	89.2	89.4
IV 2500	35.3	83.7	87.2	89.1	90.2	90.5	90.8	91.0	91.0	91.2	91.3	91.3	91.4	91.4	91.5	91.6
IV 2000	35.7	85.1	88.7	90.8	92.0	92.3	92.6	92.8	92.8	93.1	93.1	93.2	93.2	93.3	93.3	93.5
IV 1800	35.8	85.4	89.0	91.1	92.4	92.7	93.0	93.2	93.2	93.5	93.5	93.6	93.6	93.6	93.7	93.9
IV 1500	35.9	85.9	89.7	91.9	93.1	93.5	93.8	94.0	94.0	94.3	94.3	94.4	94.4	94.5	94.6	94.7
IV 1200	36.0	86.6	90.6	92.9	94.2	94.5	94.9	95.2	95.2	95.5	95.5	95.5	95.6	95.6	95.7	95.9
IV 1000	36.1	86.9	91.0	93.4	94.8	95.1	95.6	95.8	95.8	96.1	96.2	96.2	96.3	96.3	96.4	96.5
IV 900	36.1	87.1	91.2	93.7	95.0	95.4	95.9	96.2	96.2	96.5	96.5	96.6	96.6	96.7	96.8	96.9
IV 800	36.2	87.3	91.4	94.0	95.4	95.8	96.4	96.7	96.7	97.0	97.1	97.1	97.2	97.2	97.3	97.5
IV 700	36.2	87.4	91.7	94.3	95.8	96.3	96.8	97.1	97.2	97.5	97.6	97.6	97.7	97.7	97.8	98.0
IV 600	36.2	87.5	91.8	94.5	96.1	96.6	97.2	97.6	97.6	97.9	98.0	98.1	98.1	98.2	98.3	98.4
IV 500	36.2	87.6	92.0	94.8	96.4	96.9	97.6	98.0	98.1	98.4	98.5	98.6	98.6	98.7	98.8	98.9
IV 400	36.2	87.7	92.1	95.0	96.7	97.2	97.9	98.4	98.5	98.9	99.0	99.0	99.1	99.1	99.2	99.4
IV 300	36.2	87.7	92.1	95.0	96.7	97.3	98.1	98.6	98.7	99.1	99.3	99.3	99.4	99.4	99.5	99.7
IV 200	36.2	87.7	92.1	95.0	96.7	97.4	98.1	98.7	98.7	99.2	99.3	99.4	99.5	99.5	99.6	99.8
IV 100	36.2	87.7	92.1	95.0	96.7	97.4	98.1	98.7	98.7	99.2	99.4	99.4	99.5	99.6	99.8	99.9
IV 0	36.2	87.7	92.1	95.0	96.7	97.4	98.1	98.7	98.7	99.2	99.4	99.4	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

17772

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,50-72  
YEARS

JUN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.8	54.4	57.0	58.2	58.8	59.0	59.2	59.3	59.3	59.4	59.5	59.5	59.6	59.6	59.6	59.7
IV 20000	27.0	63.6	66.6	68.0	68.6	68.8	69.1	69.2	69.2	69.3	69.4	69.4	69.5	69.5	69.5	69.6
IV 18000	27.1	63.6	66.7	68.1	68.7	68.9	69.2	69.3	69.3	69.4	69.5	69.5	69.6	69.6	69.6	69.7
IV 16000	27.2	63.8	66.8	68.2	68.9	69.0	69.3	69.4	69.4	69.5	69.6	69.6	69.7	69.7	69.8	69.8
IV 14000	27.6	64.5	67.6	69.0	69.6	69.8	70.1	70.2	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.6
IV 12000	28.9	66.9	70.2	71.6	72.3	72.5	72.8	72.9	72.9	73.1	73.1	73.1	73.2	73.2	73.3	73.3
IV 10000	29.8	69.6	73.1	74.6	75.3	75.5	75.8	75.9	75.9	76.1	76.1	76.1	76.2	76.2	76.3	76.4
IV 9000	30.2	70.8	74.4	75.9	76.7	76.9	77.2	77.3	77.3	77.5	77.5	77.5	77.6	77.6	77.7	77.7
IV 8000	30.6	72.6	76.4	78.0	78.8	79.0	79.3	79.4	79.4	79.6	79.6	79.6	79.7	79.7	79.8	79.9
IV 7000	30.9	73.8	77.7	79.4	80.2	80.4	80.6	80.8	80.8	80.9	81.0	81.0	81.1	81.1	81.1	81.2
IV 6000	31.2	74.4	78.4	80.0	80.8	81.0	81.3	81.5	81.5	81.6	81.7	81.7	81.8	81.8	81.8	81.9
IV 5000	31.6	75.7	79.9	81.6	82.4	82.6	83.0	83.1	83.1	83.2	83.3	83.3	83.4	83.4	83.5	83.5
IV 4500	31.8	76.6	80.9	82.6	83.5	83.7	84.0	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.5	84.6
IV 4000	32.7	79.0	83.4	85.3	86.2	86.5	86.8	86.9	86.9	87.1	87.1	87.1	87.2	87.2	87.3	87.4
IV 3500	33.7	81.0	85.5	87.4	88.4	88.6	89.0	89.1	89.1	89.3	89.3	89.3	89.4	89.4	89.5	89.6
IV 3000	35.1	83.7	88.5	90.4	91.4	91.7	92.0	92.2	92.2	92.3	92.4	92.4	92.5	92.5	92.6	92.6
IV 2500	36.0	85.4	90.4	92.4	93.5	93.7	94.1	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.7	94.7
IV 2000	36.3	86.4	91.4	93.5	94.7	95.0	95.4	95.6	95.6	95.7	95.8	95.8	95.9	95.9	96.0	96.0
IV 1800	36.3	86.5	91.6	93.7	94.9	95.2	95.6	95.8	95.8	95.9	96.0	96.0	96.1	96.1	96.2	96.2
IV 1500	36.4	86.9	92.1	94.2	95.5	95.8	96.2	96.4	96.4	96.5	96.6	96.6	96.7	96.7	96.8	96.8
IV 1200	36.6	87.4	92.6	94.8	96.1	96.5	96.9	97.1	97.1	97.2	97.3	97.3	97.4	97.4	97.5	97.5
IV 1000	36.6	87.6	93.0	95.3	96.6	97.0	97.4	97.6	97.6	97.8	97.9	97.9	98.0	98.0	98.1	98.1
IV 900	36.6	87.7	93.1	95.5	96.8	97.2	97.6	97.8	97.9	98.0	98.1	98.1	98.2	98.2	98.3	98.3
IV 800	36.6	87.9	93.4	95.8	97.2	97.5	98.0	98.2	98.2	98.4	98.5	98.5	98.5	98.6	98.6	98.7
IV 700	36.6	88.0	93.5	95.9	97.4	97.7	98.2	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.9	98.9
IV 600	36.6	88.0	93.6	96.1	97.5	97.9	98.4	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.1	99.1
IV 500	36.6	88.1	93.7	96.2	97.7	98.1	98.6	98.8	98.9	99.1	99.1	99.1	99.2	99.3	99.3	99.4
IV 400	36.6	88.1	93.8	96.3	97.8	98.2	98.7	99.0	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.6
IV 300	36.7	88.2	93.8	96.3	97.9	98.3	98.8	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.8
IV 200	36.7	88.2	93.8	96.3	97.9	98.3	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.9
IV 100	36.7	88.2	93.8	96.3	97.9	98.3	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.9
IV 0	36.7	88.2	93.8	96.3	97.9	98.3	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 17347



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
YEARS

JUL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.7	51.6	54.8	56.4	57.5	57.7	58.3	58.4	58.5	58.6	58.7	58.7	58.8	58.8	58.9	59.0
≥ 20000	24.9	61.2	65.1	66.9	68.2	68.4	69.7	69.2	69.2	69.4	69.5	69.5	69.6	69.6	69.7	69.8
IV 18000	24.9	61.3	65.2	67.0	68.3	68.5	69.1	69.3	69.3	69.5	69.6	69.6	69.7	69.7	69.8	69.8
IV 16000	25.1	61.7	65.6	67.4	68.7	68.9	69.4	69.6	69.7	69.9	69.9	69.9	70.0	70.1	70.1	70.2
IV 14000	25.7	62.6	66.6	68.4	69.7	69.9	70.5	70.7	70.7	70.9	70.9	70.9	71.0	71.1	71.2	71.2
IV 12000	26.8	64.8	68.9	70.7	72.1	72.3	72.9	73.1	73.1	73.3	73.4	73.4	73.5	73.5	73.6	73.7
IV 10000	27.8	68.2	72.4	74.5	75.8	76.1	76.7	76.9	76.9	77.1	77.2	77.2	77.3	77.3	77.4	77.5
IV 9000	28.1	69.1	73.5	75.6	76.9	77.2	77.8	78.0	78.0	78.2	78.3	78.3	78.4	78.5	78.5	78.6
IV 8000	28.7	71.2	75.7	77.9	79.3	79.6	80.2	80.4	80.5	80.7	80.7	80.7	80.8	80.9	81.0	81.0
IV 7000	29.0	72.7	77.4	79.5	81.0	81.3	82.0	82.2	82.2	82.5	82.5	82.5	82.6	82.7	82.7	82.8
IV 6000	29.2	73.3	78.0	80.2	81.7	82.0	82.6	82.9	82.9	83.1	83.2	83.2	83.3	83.4	83.4	83.5
IV 5000	29.7	74.5	79.3	81.6	83.1	83.4	84.1	84.3	84.4	84.6	84.7	84.7	84.8	84.8	84.9	85.0
IV 4500	30.0	75.2	80.1	82.4	83.9	84.2	84.8	85.1	85.2	85.4	85.5	85.5	85.6	85.7	85.7	85.8
IV 4000	30.7	77.1	82.0	84.4	86.0	86.3	87.0	87.3	87.4	87.6	87.7	87.7	87.8	87.8	87.9	88.0
IV 3500	31.6	78.8	83.9	86.4	88.1	88.4	89.1	89.4	89.4	89.7	89.8	89.8	89.9	89.9	90.0	90.1
IV 3000	32.8	81.2	86.5	89.1	90.8	91.1	91.8	92.1	92.2	92.5	92.5	92.5	92.7	92.7	92.8	92.9
IV 2500	33.7	83.0	88.4	91.1	92.8	93.1	93.9	94.2	94.2	94.5	94.6	94.6	94.7	94.8	94.8	94.9
IV 2000	34.1	83.9	89.4	92.1	93.9	94.3	95.0	95.4	95.4	95.7	95.8	95.8	95.9	96.0	96.0	96.1
IV 1800	34.2	84.1	89.6	92.4	94.2	94.5	95.3	95.6	95.7	95.9	96.1	96.1	96.2	96.2	96.3	96.4
IV 1500	34.4	84.5	90.1	93.0	94.8	95.2	95.9	96.3	96.3	96.6	96.7	96.7	96.8	96.9	97.0	97.0
IV 1200	34.6	85.0	90.7	93.6	95.4	95.8	96.6	96.9	97.0	97.3	97.4	97.4	97.5	97.5	97.6	97.7
IV 1000	34.6	85.3	91.0	93.9	95.8	96.1	96.9	97.3	97.3	97.6	97.8	97.8	97.9	97.9	98.0	98.1
IV 900	34.7	85.4	91.1	94.1	96.0	96.3	97.1	97.5	97.6	97.9	98.0	98.0	98.1	98.1	98.2	98.3
IV 800	34.7	85.6	91.3	94.2	96.2	96.6	97.4	97.7	97.8	98.1	98.2	98.2	98.3	98.4	98.5	98.5
IV 700	34.7	85.7	91.5	94.5	96.4	96.8	97.7	98.0	98.1	98.4	98.5	98.5	98.6	98.7	98.8	98.9
IV 600	34.7	85.9	91.7	94.7	96.7	97.1	97.9	98.3	98.3	98.6	98.8	98.8	98.9	98.9	99.0	99.1
IV 500	34.7	86.0	91.8	94.8	96.8	97.3	98.1	98.5	98.6	98.9	99.0	99.0	99.1	99.2	99.3	99.4
IV 400	34.7	86.0	91.9	94.9	97.0	97.4	98.3	98.7	98.8	99.1	99.2	99.2	99.3	99.4	99.5	99.6
IV 300	34.7	86.0	91.9	95.0	97.0	97.5	98.4	98.8	98.9	99.2	99.4	99.4	99.5	99.5	99.6	99.7
IV 200	34.7	86.0	91.9	95.0	97.0	97.5	98.5	98.9	98.9	99.3	99.4	99.4	99.6	99.6	99.7	99.8
IV 100	34.7	86.0	91.9	95.0	97.0	97.5	98.5	98.9	98.9	99.3	99.5	99.5	99.6	99.6	99.7	99.9
IV 0	34.7	86.0	91.9	95.0	97.0	97.5	98.5	98.9	98.9	99.3	99.5	99.5	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 18861

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45-50-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.8	52.8	57.1	59.6	60.9	61.5	62.2	62.7	62.7	63.0	63.2	63.2	63.4	63.4	63.5	63.6
≥ 20000	22.1	60.2	65.0	67.7	69.2	69.8	70.6	71.0	71.1	71.4	71.6	71.6	71.8	71.8	71.9	72.0
IV 18000	22.1	60.4	65.1	67.8	69.3	69.9	70.7	71.2	71.2	71.6	71.7	71.7	71.9	71.9	72.0	72.2
IV 16000	22.3	60.6	65.2	68.1	69.6	70.2	71.0	71.4	71.5	71.8	72.0	72.0	72.2	72.2	72.3	72.4
IV 14000	22.8	61.4	66.2	69.0	70.5	71.1	71.9	72.4	72.4	72.8	72.9	72.9	73.1	73.1	73.2	73.4
IV 12000	23.8	63.5	68.6	71.4	73.0	73.7	74.5	74.9	75.0	75.3	75.5	75.5	75.6	75.7	75.8	75.9
IV 10000	24.8	66.2	71.6	74.6	76.3	76.9	77.8	78.3	78.3	78.7	78.8	78.8	79.0	79.1	79.1	79.3
IV 9000	25.0	67.1	72.5	75.6	77.3	78.0	78.8	79.3	79.3	79.7	79.9	79.9	80.1	80.1	80.2	80.3
IV 8000	25.7	69.1	74.8	78.0	79.8	80.5	81.4	81.9	82.0	82.4	82.5	82.5	82.7	82.7	82.8	83.0
IV 7000	26.0	70.3	76.1	79.5	81.3	82.0	83.0	83.5	83.5	83.9	84.1	84.1	84.2	84.3	84.4	84.5
IV 6000	26.2	70.8	76.6	80.0	81.9	82.6	83.6	84.1	84.1	84.5	84.7	84.7	84.9	84.9	85.0	85.1
IV 5000	26.5	71.8	77.7	81.2	83.1	83.9	84.8	85.4	85.4	85.8	86.0	86.0	86.2	86.2	86.3	86.4
IV 4500	26.9	72.5	78.6	82.1	84.0	84.8	85.7	86.2	86.3	86.7	86.8	86.9	87.0	87.1	87.1	87.3
IV 4000	27.4	73.9	80.0	83.6	85.5	86.3	87.3	87.8	87.9	88.3	88.5	88.5	88.7	88.7	88.8	88.9
IV 3500	27.9	75.0	81.3	85.0	86.9	87.8	88.8	89.3	89.4	89.8	89.9	90.0	90.1	90.2	90.3	90.4
IV 3000	29.0	77.4	83.9	87.6	89.7	90.6	91.6	92.2	92.2	92.6	92.8	92.8	93.0	93.0	93.1	93.3
IV 2500	29.6	78.7	85.3	89.2	91.3	92.1	93.2	93.8	93.8	94.3	94.4	94.5	94.6	94.7	94.8	94.9
IV 2000	29.9	79.6	86.3	90.2	92.4	93.3	94.4	94.9	95.0	95.5	95.6	95.6	95.8	95.9	95.9	96.1
IV 1800	30.0	79.8	86.6	90.5	92.7	93.5	94.6	95.2	95.3	95.7	95.9	95.9	96.1	96.1	96.2	96.4
IV 1500	30.1	80.2	87.0	90.9	93.2	94.1	95.2	95.8	95.8	96.3	96.5	96.5	96.7	96.7	96.8	97.0
IV 1200	30.1	80.6	87.5	91.5	93.8	94.7	95.8	96.4	96.5	97.0	97.1	97.2	97.3	97.4	97.5	97.6
IV 1000	30.2	80.9	87.9	91.9	94.3	95.2	96.4	97.0	97.1	97.5	97.7	97.7	97.9	98.0	98.1	98.2
IV 900	30.2	80.9	88.0	92.0	94.4	95.3	96.5	97.1	97.2	97.7	97.9	97.9	98.1	98.1	98.2	98.4
IV 800	30.2	81.0	88.1	92.2	94.6	95.5	96.7	97.3	97.4	97.9	98.1	98.1	98.3	98.3	98.4	98.6
IV 700	30.2	81.1	88.2	92.3	94.7	95.7	96.9	97.6	97.6	98.1	98.3	98.3	98.5	98.6	98.7	98.9
IV 600	30.2	81.2	88.2	92.4	94.9	95.9	97.1	97.8	97.9	98.4	98.5	98.5	98.8	98.8	98.9	99.1
IV 500	30.2	81.2	88.3	92.5	95.0	96.0	97.3	98.0	98.1	98.6	98.6	98.8	99.0	99.1	99.2	99.4
IV 400	30.2	81.2	88.4	92.6	95.1	96.1	97.5	98.1	98.2	98.7	98.9	98.9	99.2	99.2	99.3	99.5
IV 300	30.2	81.2	88.4	92.6	95.1	96.2	97.5	98.2	98.3	98.8	99.0	99.0	99.3	99.3	99.5	99.7
IV 200	30.2	81.2	88.4	92.7	95.2	96.2	97.5	98.2	98.3	98.9	99.1	99.1	99.4	99.4	99.6	99.8
IV 100	30.2	81.2	88.4	92.7	95.2	96.2	97.5	98.2	98.3	98.9	99.1	99.1	99.4	99.4	99.6	99.9
IV 0	30.2	81.2	88.4	92.7	95.2	96.2	97.5	98.2	98.3	98.9	99.1	99.1	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 19280

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/1AC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
YEARS

SE 2  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.2	53.9	57.1	58.9	60.0	60.3	60.8	61.1	61.1	61.2	61.4	61.4	61.6	61.7	61.8	62.0
≥ 20000	24.4	59.2	62.7	64.5	65.8	66.7	66.6	66.9	66.9	67.2	67.2	67.2	67.5	67.5	67.6	67.9
IV 18000	24.4	59.4	62.8	64.6	65.9	66.1	66.7	67.0	67.0	67.3	67.4	67.4	67.6	67.6	67.7	68.0
IV 16000	24.5	59.5	62.9	64.8	66.0	66.3	66.9	67.1	67.1	67.4	67.5	67.5	67.7	67.7	67.8	68.2
IV 14000	24.9	60.3	63.7	65.6	66.8	67.1	67.7	67.9	68.0	68.2	68.3	68.2	68.5	68.6	68.7	69.0
IV 12000	25.3	62.4	66.0	68.0	69.3	69.6	70.2	70.4	70.5	70.7	70.8	70.8	71.0	71.1	71.2	71.5
IV 10000	27.2	66.0	69.9	72.1	73.4	73.7	74.3	74.6	74.6	74.9	75.0	75.0	75.2	75.3	75.4	75.7
IV 9000	27.8	67.1	71.0	73.2	74.6	74.9	75.5	75.8	75.8	76.1	76.2	76.2	76.4	76.4	76.6	76.9
IV 8000	28.3	69.1	73.2	75.5	76.9	77.2	77.9	78.1	78.2	78.5	78.6	78.6	78.8	78.8	78.9	79.2
IV 7000	28.6	70.5	75.0	77.4	78.8	79.1	79.8	80.1	80.1	80.4	80.5	80.5	80.7	80.7	80.9	81.1
IV 6000	28.7	71.2	75.8	78.3	79.7	80.1	80.7	81.0	81.0	81.3	81.4	81.4	81.6	81.7	81.9	82.1
IV 5000	28.9	72.4	77.1	79.6	81.1	81.5	82.2	82.5	82.5	82.8	82.9	82.9	83.1	83.2	83.3	83.6
IV 4500	29.1	73.0	77.7	80.4	81.9	82.3	83.0	83.3	83.3	83.6	83.8	83.8	84.0	84.0	84.1	84.4
IV 4000	29.5	74.2	79.0	81.8	83.4	83.8	84.6	84.8	84.9	85.2	85.3	85.3	85.5	85.5	85.7	85.9
IV 3500	29.9	75.4	80.2	83.1	84.8	85.2	85.9	86.2	86.2	86.6	86.7	86.7	86.9	86.9	87.1	87.3
IV 3000	30.8	77.5	82.6	85.6	87.4	87.9	88.6	88.9	88.9	89.3	89.4	89.4	89.6	89.6	89.8	90.0
IV 2500	31.4	79.0	84.3	87.3	89.2	89.6	90.5	90.8	90.8	91.1	91.3	91.3	91.5	91.5	91.6	91.9
IV 2000	31.7	80.1	85.6	88.7	90.6	91.1	92.0	92.3	92.3	92.7	92.8	92.8	93.0	93.0	93.2	93.4
IV 1800	31.7	80.4	86.0	89.2	91.1	91.6	92.5	92.8	92.8	93.2	93.3	93.3	93.5	93.5	93.7	93.9
IV 1500	31.9	81.0	86.7	89.9	92.0	92.4	93.4	93.7	93.7	94.1	94.2	94.2	94.4	94.5	94.6	94.9
IV 1200	32.0	81.6	87.5	90.8	92.9	93.4	94.3	94.7	94.7	95.1	95.2	95.2	95.5	95.5	95.6	95.9
IV 1000	32.1	82.1	88.1	91.6	93.7	94.3	95.2	95.6	95.6	96.1	96.2	96.2	96.5	96.5	96.6	96.9
IV 900	32.1	82.3	88.2	91.8	94.0	94.6	95.6	96.0	96.0	96.5	96.6	96.6	96.9	96.9	97.1	97.3
IV 800	32.2	82.5	88.5	92.1	94.3	95.0	96.0	96.4	96.5	97.0	97.2	97.2	97.4	97.5	97.6	97.9
IV 700	32.2	82.5	88.7	92.4	94.6	95.3	96.4	96.8	96.9	97.4	97.6	97.6	97.9	97.9	98.0	98.3
IV 600	32.2	82.6	88.8	92.5	94.8	95.5	96.6	97.1	97.2	97.7	97.9	97.9	98.2	98.2	98.4	98.6
IV 500	32.2	82.7	88.9	92.7	95.0	95.7	96.9	97.5	97.6	98.2	98.4	98.4	98.7	98.7	98.8	99.1
IV 400	32.2	82.7	89.0	92.8	95.2	95.9	97.2	97.8	97.9	98.5	98.7	98.7	99.0	99.0	99.1	99.5
IV 300	32.2	82.7	89.1	92.8	95.2	96.0	97.3	97.9	98.0	98.6	98.8	98.8	99.1	99.2	99.3	99.6
IV 200	32.2	82.7	89.1	92.8	95.3	96.1	97.3	98.0	98.1	98.7	99.0	99.0	99.3	99.3	99.5	99.8
IV 100	32.2	82.7	89.1	92.8	95.3	96.1	97.3	98.0	98.1	98.7	99.0	99.0	99.3	99.3	99.5	99.9
IV 0	32.2	82.7	89.1	92.8	95.3	96.1	97.3	98.0	98.1	98.7	99.0	99.0	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 17970

DATA PROCESSING ON C-  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72 YEARS WGT MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS(EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.1	55.6	59.5	61.6	62.7	63.0	63.7	63.9	64.0	64.2	64.3	64.3	64.6	64.6	64.8	65.0
≥ 20000	22.5	57.2	63.7	65.7	66.8	67.2	67.9	68.2	68.2	68.4	68.5	68.6	68.8	68.8	69.0	69.3
≥ 18000	22.6	61.4	63.8	65.7	66.9	67.2	67.9	68.2	68.3	68.5	68.6	68.6	68.9	68.9	69.1	69.3
≥ 16000	22.7	60.4	63.8	65.8	67.0	67.3	68.0	68.3	68.4	68.6	68.7	68.7	69.0	69.0	69.2	69.4
≥ 14000	22.9	60.9	64.3	66.3	67.4	67.8	68.5	68.8	68.8	69.0	69.2	69.2	69.4	69.5	69.6	69.9
≥ 12000	23.2	62.3	65.8	67.9	69.1	69.5	70.2	70.5	70.5	70.6	70.9	70.9	71.2	71.2	71.4	71.6
≥ 10000	23.3	64.6	68.3	70.5	71.8	72.1	72.9	73.2	73.2	73.4	73.6	73.6	73.9	73.9	74.1	74.2
≥ 9000	24.2	65.4	69.2	71.3	72.6	73.0	73.8	74.1	74.1	74.3	74.5	74.5	74.8	74.8	75.0	75.2
≥ 8000	24.5	67.3	71.3	73.5	75.0	75.3	76.1	76.4	76.5	76.7	76.9	76.9	77.2	77.2	77.4	77.6
≥ 7000	24.7	68.3	72.9	75.3	76.8	77.1	78.0	78.3	78.4	78.6	78.8	78.8	79.1	79.1	79.3	79.5
≥ 6000	24.9	69.6	73.9	76.3	77.9	78.3	79.2	79.5	79.6	79.8	80.0	80.0	80.3	80.3	80.5	80.7
≥ 5000	25.2	71.1	75.6	78.1	79.8	80.2	81.1	81.5	81.6	81.8	82.0	82.0	82.3	82.3	82.5	82.7
≥ 4500	25.4	71.5	76.1	79.6	80.4	80.8	81.7	82.1	82.2	82.4	82.6	82.6	82.9	82.9	83.1	83.3
≥ 4000	25.8	72.8	77.5	80.2	82.0	82.4	83.4	83.8	84.1	84.2	84.3	84.3	84.5	84.6	84.8	85.0
≥ 3500	26.2	73.9	78.7	81.5	83.3	83.7	84.7	85.1	85.1	85.4	85.5	85.6	85.9	85.9	86.1	86.3
≥ 3000	26.3	75.7	80.6	83.5	85.4	85.9	87.0	87.4	87.5	87.8	87.9	88.0	88.3	88.3	88.5	88.7
≥ 2500	27.1	76.8	82.0	85.0	87.0	87.5	88.6	89.1	89.2	89.5	89.6	89.7	89.9	90.0	90.2	90.4
≥ 2000	27.6	78.3	83.6	86.6	88.9	89.4	90.5	91.0	91.1	91.4	91.6	91.6	91.9	91.9	92.1	92.4
≥ 1800	27.8	78.6	84.0	87.2	89.3	89.8	91.0	91.5	91.6	91.9	92.1	92.1	92.4	92.4	92.6	92.9
≥ 1500	28.4	79.3	84.8	88.1	90.3	90.9	92.1	92.6	92.6	93.0	93.1	93.2	93.5	93.5	93.7	93.9
≥ 1200	28.2	80.1	85.8	89.3	91.6	92.1	93.4	93.9	94.0	94.3	94.5	94.6	94.9	94.9	95.1	95.3
≥ 1000	28.2	80.5	86.3	89.9	92.3	92.9	94.2	94.7	94.8	95.2	95.4	95.4	95.7	95.7	95.9	96.2
≥ 900	28.3	80.7	86.6	90.3	92.8	93.4	94.7	95.3	95.4	95.8	96.0	96.0	96.3	96.3	96.5	96.8
≥ 800	28.3	80.9	86.9	90.7	93.2	93.8	95.2	95.3	95.9	96.3	96.5	96.5	96.9	96.9	97.1	97.3
≥ 700	28.3	81.0	87.0	90.9	93.5	94.2	95.7	96.3	96.4	96.9	97.1	97.1	97.4	97.4	97.6	97.9
≥ 600	28.3	81.1	87.2	91.2	93.9	94.6	96.1	96.3	96.7	97.4	97.6	97.6	97.9	97.9	98.1	98.4
≥ 500	28.3	81.2	87.3	91.4	94.2	94.9	96.5	97.2	97.3	97.8	98.0	98.0	98.4	98.4	98.6	98.8
≥ 400	28.3	81.2	87.4	91.5	94.4	95.1	96.8	97.5	97.7	98.2	98.4	98.4	98.7	98.8	99.0	99.3
≥ 300	28.3	81.2	87.4	91.5	94.4	95.2	96.9	97.7	97.8	98.3	98.5	98.6	98.9	99.0	99.2	99.5
≥ 200	28.3	81.2	87.4	91.5	94.4	95.2	96.9	97.7	97.9	98.4	98.7	98.7	99.0	99.1	99.3	99.7
≥ 100	28.3	81.2	87.4	91.5	94.4	95.2	96.9	97.7	97.9	98.4	98.8	98.8	99.1	99.2	99.4	99.9
≥ 0	28.3	81.2	87.4	91.5	94.4	95.2	96.9	97.8	97.9	98.4	98.8	98.8	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 13809

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

13006 STATION FORT CAMPBELL KY/CAMPBELL AAF 43-44,50-72 YEARS NOV MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	14.6	43.9	43.8	45.9	47.2	47.5	48.3	48.5	48.6	48.9	49.1	49.1	49.2	49.2	49.4	49.6
≥ 20000	10.0	45.2	48.4	50.7	52.2	52.4	53.2	53.6	53.6	54.1	54.2	54.2	54.3	54.3	54.5	54.7
IV 18000	15.1	45.4	48.6	50.8	52.3	52.6	53.5	53.8	53.8	54.2	54.3	54.3	54.5	54.5	54.8	54.8
IV 16000	16.2	45.6	48.9	51.1	52.6	52.9	53.7	54.0	54.1	54.4	54.6	54.6	54.8	54.8	54.9	55.1
IV 14000	16.5	46.3	49.6	51.6	53.4	53.7	54.5	54.8	54.9	55.2	55.4	55.4	55.6	55.6	55.7	55.9
IV 12000	17.1	47.8	51.1	53.5	55.0	55.3	56.2	56.5	56.6	57.0	57.1	57.1	57.3	57.3	57.4	57.6
IV 10000	17.5	50.1	53.5	55.8	57.4	57.7	58.6	58.9	59.0	59.4	59.5	59.5	59.7	59.7	59.9	60.1
IV 9000	17.7	50.8	54.2	56.7	58.3	58.7	59.6	59.9	60.0	60.4	60.5	60.5	60.7	60.7	60.8	61.0
IV 8000	18.2	52.8	56.5	58.9	60.6	60.9	61.9	62.2	62.3	62.7	62.8	62.8	63.0	63.0	63.2	63.4
IV 7000	18.4	54.6	58.5	61.1	62.9	63.2	64.3	64.6	64.7	65.1	65.2	65.2	65.4	65.4	65.6	65.8
IV 6000	18.6	55.8	59.9	62.3	64.5	64.9	65.9	66.2	66.3	66.7	66.9	66.9	67.0	67.0	67.2	67.4
IV 5000	19.2	58.4	62.7	65.5	67.5	67.9	69.0	69.3	69.4	69.8	70.0	70.0	70.2	70.2	70.3	70.5
IV 4500	19.5	59.5	64.0	66.9	68.9	69.4	70.5	70.8	70.9	71.3	71.5	71.5	71.6	71.7	71.8	72.0
IV 4000	19.8	61.6	66.3	69.3	71.5	71.9	73.0	73.4	73.5	73.9	74.1	74.1	74.2	74.3	74.4	74.7
IV 3500	20.3	63.1	68.0	71.2	73.4	73.8	75.0	75.3	75.4	75.9	76.1	76.1	76.2	76.2	76.4	76.6
IV 3000	21.1	65.3	71.0	74.3	76.7	77.1	78.3	78.7	78.8	79.3	79.5	79.5	79.7	79.7	79.8	80.1
IV 2500	21.9	68.3	73.9	77.4	79.8	80.3	81.6	82.0	82.1	82.6	82.8	82.8	83.0	83.0	83.1	83.3
IV 2000	22.5	71.2	77.2	81.1	83.6	84.2	85.5	85.9	86.0	86.5	86.7	86.7	86.9	86.9	87.1	87.3
IV 1800	22.7	72.1	78.2	82.1	84.7	85.2	86.5	87.0	87.1	87.6	87.8	87.8	88.0	88.0	88.1	88.4
IV 1500	23.0	73.3	79.6	83.6	86.3	86.9	88.2	88.7	88.8	89.3	89.5	89.5	89.7	89.7	89.9	90.1
IV 1200	23.1	74.5	81.0	85.4	88.2	88.8	90.2	90.6	90.7	91.3	91.5	91.5	91.7	91.8	91.9	92.1
IV 1000	23.2	74.9	81.7	86.2	89.2	89.8	91.3	91.8	91.9	92.5	92.8	92.8	93.0	93.0	93.2	93.4
IV 900	23.2	75.2	82.1	86.7	89.7	90.4	91.9	92.5	92.6	93.2	93.5	93.5	93.7	93.7	93.9	94.1
IV 800	23.2	75.5	82.5	87.2	90.4	91.2	92.8	93.3	93.5	94.2	94.5	94.5	94.7	94.7	94.9	95.1
IV 700	23.2	75.8	82.9	87.7	91.0	91.9	93.6	94.2	94.4	95.1	95.4	95.4	95.6	95.6	95.8	96.0
IV 600	23.2	75.9	83.1	88.0	91.4	92.3	94.2	94.9	95.0	95.8	96.2	96.2	96.4	96.5	96.7	96.9
IV 500	23.2	76.1	83.2	88.2	91.8	92.7	94.7	95.4	95.6	96.5	96.9	96.9	97.1	97.2	97.4	97.6
IV 400	23.2	76.1	83.3	88.3	92.0	93.0	95.1	96.0	96.2	97.2	97.6	97.6	97.9	98.0	98.2	98.4
IV 300	23.2	76.1	83.4	88.5	92.2	93.2	95.4	96.4	96.7	97.7	98.2	98.2	98.5	98.6	98.8	99.1
IV 200	23.2	76.1	83.4	88.5	92.2	93.3	95.5	96.6	96.9	98.0	98.5	98.5	98.8	98.9	99.2	99.5
IV 100	23.2	76.1	83.4	88.5	92.2	93.3	95.5	96.6	96.9	98.0	98.5	98.6	98.9	99.0	99.3	99.7
IV 0	23.2	76.1	83.4	88.5	92.2	93.3	95.5	96.6	96.9	98.0	98.5	98.6	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 17932

DATA PROCESSING SECTION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13906 STATION FORT CAMPBELL KY/CAMPBELL AAF 42-44,50-72 YEARS DEC MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.7	36.4	38.6	40.0	40.7	40.8	41.2	41.2	41.3	41.5	41.6	41.6	41.6	41.7	41.7	41.8
≥ 20000	12.6	41.4	42.9	44.5	45.3	45.5	45.9	46.1	46.1	46.3	46.3	46.4	46.5	46.5	46.6	46.7
IV 18000	12.7	41.5	43.0	44.7	45.4	45.6	46.1	46.2	46.2	46.4	46.5	46.5	46.6	46.6	46.7	46.8
IV 16000	12.7	41.6	43.2	44.8	45.6	45.9	46.2	46.3	46.4	46.6	46.7	46.7	46.8	46.8	46.9	47.0
IV 14000	13.0	41.3	44.0	45.7	46.5	46.7	47.1	47.2	47.3	47.5	47.6	47.6	47.7	47.7	47.8	47.9
IV 12000	13.5	42.9	45.7	47.5	48.4	48.6	49.1	49.2	49.3	49.5	49.6	49.6	49.7	49.7	49.8	49.9
IV 10000	13.9	45.3	47.9	49.8	51.9	51.1	51.6	51.7	51.8	52.0	52.1	52.2	52.3	52.3	52.4	52.5
IV 9000	14.1	45.2	48.8	50.8	51.9	52.1	52.7	52.8	52.9	53.1	53.2	53.3	53.3	53.4	53.5	53.6
IV 8000	14.4	48.1	51.2	53.3	54.5	54.8	55.4	55.6	55.6	55.9	56.0	56.0	56.1	56.2	56.3	56.4
IV 7000	14.6	49.7	53.0	55.3	56.5	56.8	57.4	57.6	57.6	58.0	58.1	58.1	58.2	58.3	58.3	58.5
IV 6000	14.7	51.7	54.2	56.4	57.7	58.0	58.7	58.8	58.9	59.2	59.3	59.4	59.5	59.5	59.6	59.7
IV 5000	14.8	52.6	56.3	58.6	60.0	60.3	61.0	61.2	61.2	61.5	61.7	61.7	61.8	61.8	61.9	62.1
IV 4500	15.1	53.4	57.2	59.6	61.0	61.3	62.0	62.2	62.2	62.6	62.7	62.7	62.8	62.9	63.0	63.1
IV 4000	15.2	54.8	58.7	61.3	62.7	63.0	63.8	64.0	64.0	64.4	64.5	64.6	64.7	64.7	64.8	64.9
IV 3500	15.5	55.3	60.5	63.1	64.6	65.0	65.8	66.0	66.0	66.4	66.5	66.5	66.7	66.7	66.8	66.9
IV 3000	15.9	58.4	62.8	65.5	67.2	67.6	68.5	68.8	68.8	69.2	69.3	69.4	69.5	69.5	69.6	69.8
IV 2500	16.3	61.4	65.0	67.9	69.7	70.2	71.1	71.4	71.5	71.9	72.1	72.1	72.2	72.3	72.4	72.5
IV 2000	17.0	63.9	68.0	71.8	73.9	74.4	75.5	75.8	75.9	76.4	76.5	76.5	76.7	76.7	76.8	76.9
IV 1800	17.2	65.1	70.2	73.3	75.5	76.0	77.1	77.5	77.6	78.0	78.2	78.2	78.4	78.4	78.5	78.6
IV 1600	17.4	67.0	72.6	76.0	78.2	78.8	80.0	80.4	80.5	81.0	81.2	81.2	81.4	81.5	81.6	81.7
IV 1400	17.6	68.9	75.1	78.9	81.3	82.0	83.4	83.8	83.9	84.5	84.7	84.7	84.9	85.0	85.1	85.2
IV 1200	17.6	69.9	76.5	80.4	81.3	84.1	85.7	86.1	86.3	86.9	87.2	87.2	87.4	87.5	87.6	87.7
IV 1000	17.6	70.3	77.1	81.3	84.2	85.1	86.7	87.2	87.3	88.0	88.3	88.3	88.6	88.7	88.8	88.9
IV 900	17.6	70.8	77.9	82.3	85.3	86.3	88.1	88.6	88.8	89.5	89.8	89.8	90.1	90.2	90.3	90.4
IV 800	17.7	71.2	78.5	83.1	86.4	87.5	89.4	90.1	90.3	91.1	91.4	91.4	91.8	91.9	92.0	92.1
IV 700	17.7	71.5	79.0	83.8	87.3	88.5	90.6	91.4	91.6	92.5	92.9	92.9	93.4	93.5	93.6	93.7
IV 600	17.7	71.6	79.3	84.4	88.1	89.4	91.8	92.8	93.1	94.1	94.5	94.5	95.1	95.2	95.4	95.5
IV 500	17.7	71.8	79.6	84.8	88.7	90.1	92.7	94.0	94.3	95.3	96.1	96.0	96.6	96.8	96.9	97.1
IV 400	17.7	71.9	79.8	85.1	89.1	90.6	93.4	94.7	95.1	96.5	97.1	97.2	98.0	98.2	98.4	98.6
IV 300	17.7	71.9	79.8	85.1	89.2	90.6	93.5	95.0	95.3	96.8	97.6	97.7	98.6	98.8	99.1	99.4
IV 200	17.7	71.9	79.9	85.1	89.2	90.6	93.5	95.0	95.4	96.9	97.3	97.7	98.7	98.9	99.3	99.7
IV 100	17.7	71.9	79.9	85.1	89.2	90.6	93.5	95.0	95.4	96.9	97.3	97.7	98.7	98.9	99.3	99.7
IV 0	17.7	71.9	79.9	85.1	89.2	90.6	93.5	95.0	95.4	96.9	97.7	97.8	98.7	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 18490

DATA PROCESS. 10-1-64  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

13806 FORT CA PHELL KY/CAMPBELL AAF 44-45,51-72 1961  
STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-2200  
HOURS, 51

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.1	29.4	42.2	43.7	44.8	44.8	44.8	45.1	45.1	45.2	45.4	45.4	45.5	45.6	45.6	45.8
IV 20000	7.4	42.4	45.6	47.4	48.7	48.7	48.8	49.2	49.2	49.2	49.3	49.5	49.5	49.6	49.7	49.9
IV 18000	7.4	42.4	45.6	47.4	48.8	48.8	48.9	49.2	49.2	49.2	49.3	49.5	49.5	49.6	49.7	50.0
IV 16000	7.4	42.4	45.7	47.5	48.8	48.9	49.2	49.2	49.2	49.2	49.3	49.5	49.5	49.7	49.7	50.1
IV 14000	7.4	42.6	46.2	48.1	49.4	49.5	49.6	49.6	49.6	49.8	50.0	50.2	50.2	50.3	50.3	50.7
IV 12000	7.5	43.3	47.4	49.4	50.7	50.8	50.9	51.2	51.2	51.3	51.5	51.5	51.6	51.7	51.8	52.0
IV 10000	7.9	45.5	49.2	51.5	52.8	52.9	53.0	53.3	53.3	53.4	53.6	53.6	53.7	53.8	54.0	54.2
IV 9000	7.9	45.8	49.6	51.8	53.2	53.3	53.4	53.7	53.7	53.8	54.0	54.0	54.1	54.2	54.3	54.6
IV 8000	7.9	46.9	51.2	53.5	54.9	55.1	55.2	55.5	55.5	55.7	55.8	55.8	56.0	56.0	56.2	56.4
IV 7000	7.9	46.3	52.7	55.2	56.9	57.1	57.2	57.5	57.5	57.7	57.8	57.8	58.0	58.0	58.2	58.4
IV 6000	8.0	49.5	53.9	56.4	58.1	58.3	58.5	58.8	58.8	58.9	59.1	59.1	59.2	59.3	59.5	59.7
IV 5000	8.1	51.7	56.5	59.1	61.0	61.3	61.5	61.7	61.7	61.9	62.1	62.1	62.2	62.2	62.4	62.7
IV 4500	8.4	53.1	57.9	60.5	62.7	62.9	63.3	63.6	63.6	63.7	63.9	63.9	64.1	64.1	64.3	64.5
IV 4000	8.1	54.1	59.1	61.8	64.0	64.3	65.0	65.3	65.3	65.4	65.7	65.7	65.8	65.8	66.0	66.2
IV 3500	8.3	55.3	60.4	63.2	65.6	65.9	66.6	67.0	67.0	67.2	67.4	67.4	67.5	67.6	67.7	68.0
IV 3000	8.3	57.7	63.0	66.0	68.6	68.9	69.7	70.1	70.1	70.3	70.6	70.6	70.8	70.8	71.1	71.3
IV 2500	8.5	59.1	64.6	67.6	70.5	70.9	71.6	72.0	72.1	72.3	72.6	72.6	72.8	72.8	73.1	73.3
IV 2000	9.0	61.6	67.9	71.5	74.4	74.9	75.9	76.3	76.4	76.6	76.9	76.9	77.1	77.1	77.4	77.6
IV 1800	9.0	62.7	69.0	72.8	75.7	76.3	77.3	77.7	77.8	78.0	78.2	78.3	78.5	78.6	78.8	79.0
IV 1500	9.2	64.1	70.7	74.7	77.6	78.2	79.3	79.7	79.8	80.1	80.4	80.4	80.6	80.6	80.9	81.1
IV 1200	9.2	65.4	72.4	76.6	79.6	80.3	81.5	81.9	82.0	82.4	82.6	82.7	82.9	82.9	83.2	83.4
IV 1000	9.2	65.9	73.1	77.6	80.7	81.6	83.0	83.4	83.5	83.9	84.2	84.2	84.5	84.5	84.8	85.1
IV 900	9.3	66.7	74.1	78.8	82.5	83.5	84.9	85.4	85.5	86.0	86.3	86.4	86.6	86.6	87.0	87.2
IV 800	9.4	67.5	75.1	79.9	84.0	85.1	86.8	87.3	87.4	88.1	88.4	88.5	88.7	88.8	89.1	89.4
IV 700	9.4	67.9	75.7	80.7	84.9	86.0	87.3	88.3	88.4	89.1	89.5	89.6	89.8	89.9	90.2	90.5
IV 600	9.5	68.2	76.1	81.5	86.0	87.2	89.3	89.9	90.1	90.8	91.3	91.4	91.7	91.8	92.1	92.4
IV 500	9.5	68.4	76.6	82.2	87.0	88.5	90.8	91.5	91.8	92.5	93.1	93.2	93.5	93.5	93.9	94.2
IV 400	9.5	68.7	77.0	82.6	87.6	89.3	91.8	92.6	93.0	94.0	94.7	94.9	95.3	95.4	95.7	96.0
IV 300	9.5	68.7	77.1	82.8	88.0	89.7	92.5	93.5	93.9	95.0	95.9	96.0	96.6	96.7	97.0	97.4
IV 200	9.5	68.7	77.1	82.8	88.1	89.9	92.7	93.8	94.1	95.5	96.5	96.7	97.5	97.6	98.0	98.4
IV 100	9.5	69.7	77.1	82.9	88.1	89.9	92.8	93.9	94.2	95.6	96.6	96.9	97.7	98.0	98.6	99.0
IV 0	9.5	69.7	77.1	82.9	88.1	89.9	92.8	93.9	94.2	95.6	96.6	96.9	97.7	98.0	98.6	99.0

TOTAL NUMBER OF OBSERVATIONS 2201

DATA PROCESS - 5010 C  
USAF ETAC  
AIR WEATHER SERVICE/AF

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

JA  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS, GTT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	5.5	27.4	40.0	41.9	42.8	42.9	43.3	43.4	43.4	43.6	43.7	43.8	44.0	44.0	44.3	44.4
≥ 18000	6.2	27.2	43.2	45.2	46.4	46.5	46.9	47.0	47.0	47.2	47.3	47.4	47.6	47.6	47.9	48.1
≥ 16000	6.2	27.2	43.3	45.2	46.4	46.6	47.0	47.1	47.1	47.2	47.4	47.5	47.7	47.7	48.1	48.2
≥ 14000	6.2	27.2	43.3	45.8	47.3	47.3	47.7	47.3	47.8	48.0	48.2	48.2	48.4	48.4	48.8	48.9
≥ 12000	6.4	27.1	44.4	46.6	47.9	48.2	48.6	48.7	48.7	48.9	49.1	49.1	49.3	49.3	49.7	49.8
≥ 10000	6.4	27.1	46.2	48.7	50.0	50.2	50.7	50.7	50.7	51.0	51.1	51.2	51.4	51.4	51.7	51.8
≥ 9000	6.4	27.1	46.8	49.3	50.6	50.9	51.3	51.4	51.4	51.6	51.7	51.8	52.0	52.0	52.3	52.5
≥ 8000	7.0	27.1	48.9	51.5	52.9	53.3	53.7	53.8	53.8	54.0	54.1	54.2	54.4	54.4	54.7	54.9
≥ 7000	7.0	27.1	45.6	50.2	52.7	54.1	54.5	54.9	55.0	55.2	55.4	55.4	55.6	55.6	56.0	56.1
≥ 6000	7.0	27.1	46.7	51.1	53.7	55.1	55.6	56.0	56.0	56.3	56.4	56.5	56.7	56.7	57.0	57.1
≥ 5000	7.2	27.1	48.2	53.2	56.0	57.7	58.2	58.7	58.8	59.1	59.2	59.3	59.5	59.5	59.8	59.9
≥ 4500	7.2	27.1	49.1	54.1	56.9	58.0	59.3	59.8	60.0	60.3	60.4	60.4	60.7	60.7	61.0	61.2
≥ 4000	7.2	27.1	50.2	55.7	58.6	60.7	61.2	61.8	62.2	62.2	62.4	62.6	62.9	62.9	63.3	63.4
≥ 3500	7.5	27.1	51.7	57.4	60.4	62.4	62.9	63.6	63.9	63.9	64.2	64.3	64.4	64.7	65.0	65.2
≥ 3000	7.5	27.1	53.4	59.3	62.6	64.6	65.2	65.8	66.2	66.3	66.6	66.7	66.8	67.1	67.5	67.6
≥ 2500	7.5	27.1	55.2	61.4	65.0	67.1	67.7	68.4	68.8	68.8	69.1	69.2	69.3	69.7	69.7	70.2
≥ 2000	8.2	27.1	56.3	65.2	69.4	71.9	72.6	73.4	74.0	74.0	74.3	74.4	74.5	74.9	75.3	75.5
≥ 1800	8.4	27.1	59.3	66.3	70.7	73.2	73.9	74.9	75.4	75.4	75.7	75.8	75.9	76.3	76.3	76.9
≥ 1500	8.4	27.1	60.3	67.7	72.2	74.7	75.4	76.3	76.9	76.9	77.3	77.4	77.5	77.9	77.9	78.5
≥ 1200	8.5	27.1	62.1	70.0	74.7	77.4	78.2	79.4	80.0	80.1	80.5	80.7	80.7	81.1	81.1	81.7
≥ 1000	8.7	27.1	62.3	71.1	76.2	79.3	80.2	81.6	82.2	82.3	82.8	82.9	83.0	83.4	83.5	84.1
≥ 900	8.7	27.1	63.5	72.1	77.3	80.7	81.6	83.3	83.9	84.0	84.5	84.6	84.8	85.1	85.2	85.6
≥ 800	8.7	27.1	64.1	72.0	78.2	81.7	82.8	84.6	85.2	85.4	85.9	86.1	86.2	86.6	86.7	87.4
≥ 700	8.7	27.1	64.7	73.4	79.2	83.1	84.3	86.2	86.9	87.1	87.7	87.9	88.0	88.4	88.5	89.2
≥ 600	8.7	27.1	65.3	74.4	80.2	84.1	85.7	88.0	88.8	89.0	89.6	89.8	90.0	90.4	90.5	91.2
≥ 500	8.7	27.1	65.4	74.6	81.2	85.5	87.3	89.5	90.6	90.9	91.5	91.9	92.1	92.6	92.7	93.4
≥ 400	8.7	27.1	65.7	75.1	81.9	86.5	88.5	91.5	92.5	92.9	93.7	94.0	94.2	94.8	94.9	95.7
≥ 300	8.7	27.1	65.7	75.3	82.0	86.9	88.9	92.1	93.3	93.7	94.9	95.2	95.4	96.2	96.3	97.1
≥ 200	8.7	27.1	65.7	75.3	82.0	87.0	89.1	92.3	93.7	94.2	95.7	96.3	96.5	97.3	97.5	98.3
≥ 100	8.9	27.1	65.7	75.3	82.0	87.0	89.1	92.3	93.7	94.2	95.8	96.4	96.6	97.6	97.8	98.6
≥ 0	8.9	27.1	65.7	75.3	82.0	87.0	89.1	92.3	93.7	94.2	95.8	96.4	96.6	97.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2207



DATA FOR CEILING VERSUS VISIBILITY  
USAF ETAC  
AIR WEATHER SERVICE IAC

# CEILING VERSUS VISIBILITY

13800  
STATION

F. K. CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS-1ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.5	27.5	30.5	32.6	34.3	34.7	35.7	36.1	36.2	37.0	37.2	37.2	37.4	37.5	37.9
IV 20000	5.6	21.1	34.4	36.9	38.9	39.3	40.6	40.9	41.1	42.1	42.4	42.4	42.7	42.8	43.2
IV 18000	5.7	21.1	34.5	36.9	38.9	39.4	40.7	41.0	41.2	42.2	42.5	42.5	42.8	42.9	43.3
IV 16000	5.7	21.1	34.6	37.0	39.0	39.5	40.9	41.2	41.4	42.5	42.7	42.8	43.1	43.1	43.6
IV 14000	5.9	21.6	35.2	37.6	39.7	40.3	41.5	42.1	42.3	43.4	43.7	43.7	44.0	44.1	44.5
IV 12000	6.0	22.5	36.1	38.7	40.8	41.6	43.0	43.5	43.7	44.9	45.1	45.1	45.4	45.5	46.0
IV 10000	6.1	23.8	37.6	40.3	42.6	43.5	44.9	45.4	45.6	46.9	47.2	47.2	47.5	47.6	48.1
IV 9000	6.1	24.2	38.3	41.0	43.3	44.2	45.7	46.3	46.4	47.7	48.0	48.0	48.3	48.4	48.9
IV 8000	6.2	26.2	40.4	43.2	45.8	46.7	48.2	48.8	49.0	50.2	50.5	50.5	50.9	50.9	51.4
IV 7000	6.3	27.7	42.1	45.0	47.7	48.6	50.2	50.8	50.9	52.3	52.5	52.6	53.0	53.2	53.6
IV 6000	6.4	28.7	43.1	46.0	48.8	49.7	51.3	51.9	52.0	53.3	53.6	53.7	54.2	54.2	54.7
IV 5000	6.5	28.2	44.8	47.8	50.8	51.8	53.0	54.2	54.3	55.7	56.0	56.0	56.5	56.6	57.1
IV 4500	6.7	41.1	45.8	48.8	51.9	52.9	54.6	55.3	55.5	56.9	57.1	57.2	57.7	57.8	58.3
IV 4000	6.8	42.7	47.9	51.0	54.1	55.1	57.0	57.6	57.8	59.3	59.6	59.6	60.1	60.2	60.7
IV 3500	7.1	43.9	49.1	52.3	55.4	56.5	58.3	58.9	59.1	60.6	60.9	61.0	61.5	61.6	62.1
IV 3000	7.3	45.4	50.9	54.2	57.4	58.4	60.4	61.1	61.2	62.8	63.1	63.2	63.9	64.1	64.5
IV 2500	7.4	47.1	52.8	56.3	59.6	60.7	62.7	63.4	63.6	65.2	65.5	65.5	66.2	66.3	66.9
IV 2000	8.0	49.9	56.1	59.7	63.3	64.5	66.6	67.5	67.7	69.3	69.6	69.7	70.4	70.4	71.1
IV 1800	8.2	51.5	57.8	61.5	65.3	66.7	68.8	69.7	69.9	71.5	71.9	71.9	72.6	72.7	73.3
IV 1500	8.6	53.2	59.8	63.7	67.8	69.3	71.6	72.5	72.7	74.3	74.7	74.7	75.4	75.5	76.1
IV 1200	8.7	55.1	62.2	66.7	71.2	72.7	75.2	76.1	76.3	78.0	78.4	78.5	79.2	79.2	79.9
IV 1000	8.7	55.8	63.6	68.5	73.1	74.6	77.3	78.3	78.6	80.4	80.9	80.9	81.6	81.7	82.4
IV 900	8.7	56.6	64.7	69.9	74.8	76.7	79.0	80.2	80.5	82.3	82.8	82.9	83.6	83.7	84.3
IV 800	8.7	57.3	65.9	71.3	76.5	78.2	81.1	82.4	82.8	84.7	85.3	85.3	86.1	86.1	86.8
IV 700	8.8	57.6	66.7	72.2	77.6	79.6	82.8	84.2	84.5	86.5	87.1	87.2	88.0	88.0	88.7
IV 600	8.8	58.0	67.1	73.0	78.7	80.8	84.1	85.6	86.0	88.2	88.9	89.0	89.8	89.9	90.7
IV 500	8.8	58.3	67.6	73.8	80.0	82.2	85.5	87.2	87.6	89.9	90.6	90.7	91.5	91.7	92.5
IV 400	8.8	58.5	68.0	74.3	81.0	83.4	87.0	88.9	89.4	91.9	92.7	92.8	93.8	93.9	94.5
IV 300	8.8	58.5	68.1	74.5	81.3	84.0	87.8	89.9	90.4	93.3	94.4	94.5	95.6	95.8	96.9
IV 200	8.8	59.5	68.1	74.6	81.5	84.2	88.0	90.2	90.9	94.0	95.4	95.5	96.8	97.1	98.6
IV 100	8.9	58.6	68.1	74.6	81.5	84.2	88.0	90.3	90.9	94.1	95.6	95.7	97.0	97.2	98.1
IV 0	8.9	58.6	68.1	74.6	81.5	84.2	88.0	90.3	91.0	94.1	95.7	95.8	97.1	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2216

DATA PROCESSING  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

13806 STATION NAME: FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 YEARS: JAN MONTH: 0900-1100 HOURS(EST)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	11.6	25.8	30.5	32.5	33.4	33.8	34.3	34.5	34.5	34.6	34.3	34.8	34.8	34.9	34.9	34.9
IV 20000	13.6	32.1	35.3	37.7	38.8	39.3	39.8	40.1	40.1	40.2	40.4	40.4	40.5	40.6	40.6	40.6
IV 18000	13.3	33.2	35.4	37.7	38.9	39.4	39.9	40.1	40.2	40.3	40.5	40.5	40.6	40.6	40.6	40.7
IV 16000	13.7	33.4	35.5	38.1	39.3	39.7	40.3	40.5	40.6	40.7	40.8	40.8	41.0	41.0	41.0	41.0
IV 14000	13.9	34.4	36.2	38.8	40.1	40.6	41.1	41.4	41.5	41.6	41.8	41.8	41.9	42.0	42.0	42.0
IV 12000	14.3	35.5	38.1	40.9	42.3	42.9	43.5	43.8	43.9	44.0	44.2	44.2	44.3	44.4	44.4	44.5
IV 10000	14.9	37.7	40.4	43.4	44.8	45.5	46.1	46.4	46.4	46.7	46.8	46.8	47.0	47.0	47.1	47.1
IV 9000	14.7	38.5	41.5	44.4	45.9	46.7	47.3	47.6	47.6	47.9	48.0	48.0	48.2	48.2	48.3	48.3
IV 8000	14.9	39.9	43.1	46.2	47.9	48.7	49.4	49.6	49.7	50.0	50.1	50.1	50.3	50.3	50.4	50.4
IV 7000	15.0	40.8	44.2	47.4	49.1	49.9	50.5	50.8	50.9	51.1	51.3	51.3	51.4	51.5	51.5	51.6
IV 6000	15.3	41.6	45.1	48.6	50.3	51.2	51.9	52.1	52.2	52.4	52.6	52.6	52.9	52.9	53.0	53.0
IV 5000	15.7	42.8	46.4	50.0	51.7	52.6	53.3	53.6	53.7	53.9	54.1	54.1	54.4	54.4	54.5	54.5
IV 4500	15.9	43.5	47.5	51.0	52.8	53.7	54.5	54.8	54.8	55.2	55.3	55.3	55.6	55.7	55.7	55.7
IV 4000	16.1	44.7	48.7	52.3	54.1	55.2	56.0	56.3	56.4	56.7	56.9	56.9	57.2	57.2	57.3	57.4
IV 3500	16.4	45.7	49.8	53.5	55.3	56.5	57.2	57.5	57.6	57.9	58.1	58.1	58.4	58.5	58.5	58.6
IV 3000	17.0	48.1	52.4	56.4	58.3	59.4	60.2	60.7	60.8	61.1	61.3	61.3	61.7	61.7	61.8	61.8
IV 2500	17.4	49.9	54.3	58.6	60.6	61.8	62.7	63.2	63.2	63.8	64.1	64.0	64.3	64.4	64.4	64.5
IV 2000	18.0	53.1	58.1	62.6	64.6	65.9	66.8	67.5	67.5	68.0	68.2	68.2	68.6	68.7	68.7	68.8
IV 1800	18.4	54.7	59.8	64.4	66.6	67.9	68.9	69.6	69.6	70.2	70.4	70.4	70.8	70.8	70.9	71.0
IV 1500	18.3	57.6	63.2	67.9	70.5	71.8	73.0	73.7	73.8	74.5	74.6	74.6	75.0	75.1	75.1	75.2
IV 1200	19.3	59.8	66.0	71.5	74.6	76.1	77.3	78.2	78.3	79.1	79.3	79.3	79.7	79.7	79.8	79.9
IV 1000	19.4	61.2	67.9	73.6	77.3	78.6	80.2	81.1	81.4	82.3	82.6	82.6	83.1	83.2	83.3	83.4
IV 900	19.4	61.8	69.0	74.8	78.6	80.2	81.9	83.0	83.3	84.2	84.6	84.6	85.1	85.2	85.3	85.4
IV 800	19.5	62.2	69.5	75.5	79.6	81.4	83.3	84.7	85.0	86.0	86.5	86.5	87.1	87.2	87.3	87.4
IV 700	19.5	62.4	70.1	76.3	80.6	82.6	84.7	86.2	86.6	87.7	88.3	88.3	89.0	89.1	89.2	89.3
IV 600	19.5	62.7	70.6	77.2	81.8	84.1	86.4	88.1	88.6	90.0	90.6	90.6	91.3	91.5	91.6	91.7
IV 500	19.5	62.8	70.9	77.9	83.0	85.5	88.2	90.1	90.6	92.4	93.1	93.1	93.9	94.2	94.3	94.4
IV 400	19.5	62.9	71.2	78.3	83.5	86.3	89.4	91.5	92.0	93.9	94.7	94.7	95.6	95.9	96.0	96.2
IV 300	19.5	62.9	71.2	78.3	83.8	86.7	90.1	92.5	93.1	95.2	96.3	96.4	97.7	98.1	98.2	98.4
IV 200	19.5	62.9	71.2	78.3	83.8	86.7	90.2	92.6	93.4	95.6	96.9	97.1	98.6	99.0	99.1	99.5
IV 100	19.5	62.9	71.2	78.3	83.8	86.7	90.2	92.6	93.4	95.6	96.9	97.1	98.7	99.1	99.3	99.7
IV 0	19.5	62.9	71.2	78.3	83.8	86.7	90.2	92.6	93.4	95.6	97.0	97.2	98.8	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 2212

DATA PROCESSING OF  
USAF ETAC  
AIR WEATHER SERVICE/MAF

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS(IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.8	35.1	36.0	36.5	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 20000	19.3	42.6	44.0	44.5	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4
IV 18000	17.8	42.7	44.1	44.6	45.2	45.3	45.3	45.3	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5
IV 16000	19.9	42.9	44.4	45.0	45.6	45.7	45.7	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9
IV 14000	20.3	43.7	45.2	45.8	46.5	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
IV 12000	20.7	45.1	46.7	47.4	48.2	48.3	48.3	48.3	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5
IV 10000	21.3	47.8	49.7	50.4	51.3	51.4	51.4	51.4	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6
IV 9000	21.6	48.7	50.8	51.7	52.6	52.8	52.8	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0
IV 8000	21.9	50.1	52.4	53.3	54.3	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 7000	22.2	51.7	54.1	55.2	56.2	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 6000	22.5	52.2	54.6	55.8	57.0	57.3	57.3	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5
IV 5000	22.8	53.5	56.1	57.4	58.7	59.0	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 4500	22.9	53.9	56.6	57.9	59.3	59.6	59.6	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8
IV 4000	23.3	55.2	58.3	59.6	60.9	61.3	61.3	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5
IV 3500	23.5	56.1	59.2	60.5	61.9	62.3	62.3	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 3000	24.1	59.1	62.3	63.7	65.3	65.6	65.7	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 2500	25.7	61.6	64.9	66.6	68.2	68.6	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 2000	26.6	65.7	69.3	71.1	72.7	73.3	73.6	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9
IV 1800	26.7	67.0	70.7	72.6	74.3	74.9	75.1	75.2	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5
IV 1500	27.1	68.6	72.7	74.8	76.6	77.3	77.5	77.7	77.8	77.8	77.9	77.9	78.0	78.0	78.0	78.0
IV 1200	27.6	71.3	75.2	78.9	81.1	81.7	82.0	82.2	82.3	82.4	82.5	82.5	82.6	82.6	82.6	82.6
IV 1000	27.8	72.3	77.8	80.7	83.3	84.0	84.5	84.7	84.8	85.0	85.2	85.2	85.4	85.4	85.4	85.4
IV 900	27.8	72.5	78.4	81.6	84.4	85.2	85.9	86.2	86.3	86.6	86.8	86.8	86.9	86.9	86.9	86.9
IV 800	27.8	73.1	79.2	82.7	85.8	86.8	87.8	88.3	88.4	89.0	89.2	89.2	89.6	89.6	89.6	89.6
IV 700	27.8	73.3	79.6	83.3	86.5	87.7	88.8	89.6	89.7	90.4	90.6	90.6	91.0	91.0	91.0	91.0
IV 600	27.8	73.7	80.1	83.9	87.4	88.9	90.3	91.3	91.5	92.6	92.8	92.9	93.2	93.4	93.4	93.4
IV 500	27.8	73.6	80.6	84.7	88.7	90.2	92.0	93.4	93.7	94.8	95.1	95.1	95.6	95.8	95.8	95.8
IV 400	27.8	73.9	80.6	84.9	89.2	90.8	92.7	94.3	94.8	96.3	96.6	96.6	97.2	97.4	97.4	97.4
IV 300	27.8	74.1	80.8	85.2	89.5	91.1	93.0	94.9	95.5	97.3	97.9	98.1	98.8	99.0	99.1	99.1
IV 200	27.8	74.1	80.8	85.2	89.5	91.1	93.1	94.9	95.6	97.5	98.2	98.4	99.3	99.6	99.7	99.7
IV 100	27.8	74.1	80.8	85.2	89.5	91.1	93.1	94.9	95.6	97.5	98.2	98.4	99.3	99.7	99.9	100.0
IV 0	27.8	74.1	80.8	85.2	89.5	91.1	93.1	94.9	95.6	97.5	98.2	98.4	99.3	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2212

DATA PROCESS 6-1-60  
USAF ETAC  
AIR WEATHER SLR TUC/MDC

# CEILING VERSUS VISIBILITY

15806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 JAN  
STATION MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.7	15.4	36.5	37.0	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 20000	21.1	44.1	45.1	45.7	46.1	46.2	46.2	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5
IV 18000	21.2	44.1	45.1	45.8	46.1	46.2	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
IV 16000	21.2	44.5	45.5	46.2	46.6	46.6	46.7	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 14000	21.6	45.3	46.4	47.1	47.6	47.7	47.8	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0
IV 12000	22.1	6.9	48.0	48.9	49.5	49.6	49.7	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0
IV 10000	23.1	50.0	51.5	52.6	53.2	53.3	53.4	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 9000	23.1	50.9	52.4	53.5	54.1	54.2	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 8000	23.0	53.0	54.6	55.8	56.5	56.6	56.8	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1
IV 7000	24.1	54.4	56.5	57.7	58.4	58.5	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 6000	24.4	55.5	57.6	58.9	59.7	59.8	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 5000	24.9	57.2	59.4	60.9	61.8	62.0	62.2	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5
IV 4500	24.9	57.8	60.0	61.6	62.5	62.7	62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 4000	24.4	59.6	62.1	63.8	64.9	65.0	65.3	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7
IV 3500	26.1	60.9	63.5	65.3	66.4	66.5	66.8	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3
IV 3000	26.6	63.4	66.1	68.1	69.3	69.5	70.0	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.7
IV 2500	27.5	65.7	68.6	70.8	72.0	72.3	72.8	73.2	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5
IV 2000	28.1	69.5	73.1	75.5	76.9	77.2	77.9	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.7	78.7
IV 1800	28.3	71.3	74.0	76.5	77.9	78.2	78.9	79.3	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.8
IV 1500	28.3	71.5	75.6	78.4	80.0	80.4	81.3	81.7	81.9	82.2	82.2	82.2	82.2	82.2	82.3	82.3
IV 1200	28.5	73.1	77.6	81.0	83.1	83.7	84.8	85.3	85.5	85.8	85.9	85.9	85.9	85.9	85.9	86.0
IV 1000	28.6	73.7	78.4	81.9	84.5	85.1	86.4	86.9	87.1	87.5	87.6	87.6	87.6	87.6	87.7	87.7
IV 900	28.6	73.9	78.9	82.6	85.3	86.1	87.7	88.3	88.6	89.0	89.1	89.2	89.2	89.2	89.2	89.3
IV 800	28.6	74.4	79.5	83.5	86.4	87.6	89.3	90.0	90.3	91.1	91.2	91.2	91.2	91.2	91.3	91.3
IV 700	28.6	74.5	80.0	84.2	87.3	88.5	90.4	91.2	91.4	92.3	92.4	92.5	92.5	92.5	92.5	92.6
IV 600	28.6	74.6	80.1	84.6	88.0	89.4	91.5	92.6	92.8	93.9	94.1	94.2	94.2	94.2	94.3	94.4
IV 500	28.6	74.7	80.4	85.0	88.5	89.9	92.2	93.5	93.8	95.0	95.5	95.6	95.6	95.6	95.8	95.8
IV 400	28.6	74.8	80.5	85.3	88.9	90.3	92.8	94.4	94.7	96.3	97.1	97.2	97.2	97.3	97.4	97.5
IV 300	28.6	74.8	80.6	85.3	89.0	90.5	93.1	94.8	95.1	97.2	98.2	98.3	98.5	98.6	98.7	98.7
IV 200	28.6	74.8	80.6	85.3	89.0	90.5	93.1	94.8	95.1	97.3	98.5	98.6	99.0	99.1	99.3	99.4
IV 100	28.6	74.8	80.6	85.3	89.0	90.5	93.1	94.8	95.1	97.3	98.5	98.7	99.2	99.4	99.6	99.6
IV 0	28.6	74.8	80.6	85.3	89.0	90.5	93.1	94.8	95.1	97.3	98.5	98.7	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2217

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	11.1	39.2	41.1	41.6	42.2	42.2	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.7
≥ 20000	12.0	44.4	46.4	47.4	48.1	48.1	48.4	48.4	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48.8
IV ≥ 18000	12.1	44.6	46.6	47.5	48.3	48.3	48.5	48.5	48.5	48.7	48.8	48.8	48.8	48.8	48.8	49.0
IV ≥ 16000	12.1	44.7	46.7	47.7	48.4	48.4	48.7	48.7	48.7	48.8	49.0	49.0	49.0	49.0	49.0	49.1
IV ≥ 14000	12.3	45.4	47.6	48.7	49.4	49.4	49.7	49.8	49.8	50.0	50.1	50.1	50.1	50.1	50.1	50.2
IV ≥ 12000	12.7	47.2	49.7	50.8	51.6	51.6	51.9	51.9	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.4
IV ≥ 10000	12.9	49.0	51.7	53.0	53.7	53.7	54.1	54.1	54.1	54.3	54.5	54.5	54.5	54.5	54.5	54.6
IV ≥ 9000	13.0	50.1	52.8	54.1	54.9	54.9	55.2	55.2	55.2	55.3	55.6	55.6	55.6	55.6	55.6	55.8
IV ≥ 8000	13.2	52.6	55.3	56.6	57.5	57.5	57.8	57.9	57.9	58.1	58.2	58.2	58.2	58.2	58.2	58.4
IV ≥ 7000	13.4	54.3	57.2	58.6	59.5	59.6	59.9	59.9	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.4
IV ≥ 6000	13.5	55.1	58.0	59.6	60.6	60.6	60.9	61.0	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.5
IV ≥ 5000	13.8	57.5	60.8	62.6	63.6	63.7	64.0	64.1	64.1	64.3	64.4	64.4	64.5	64.5	64.6	64.7
IV ≥ 4500	14.1	58.3	61.8	63.8	64.8	64.9	65.3	65.3	65.3	65.6	65.7	65.7	65.8	65.8	65.8	66.0
IV ≥ 4000	14.2	59.5	63.2	65.2	66.4	66.5	66.9	67.0	67.0	67.2	67.3	67.3	67.6	67.6	67.6	67.8
IV ≥ 3500	14.6	61.4	65.3	67.5	69.0	69.1	69.5	69.6	69.6	70.0	70.1	70.1	70.2	70.2	70.3	70.4
IV ≥ 3000	14.7	63.5	67.6	70.3	71.7	71.9	72.3	72.6	72.6	72.9	73.1	73.1	73.2	73.2	73.3	73.4
IV ≥ 2500	15.3	65.5	69.8	72.5	74.1	74.3	74.8	75.1	75.1	75.4	75.6	75.7	75.8	75.8	75.8	75.9
IV ≥ 2000	15.4	67.9	72.6	75.7	77.5	77.7	78.4	78.7	78.7	79.1	79.2	79.3	79.4	79.4	79.6	79.7
IV ≥ 1800	15.6	69.0	73.9	77.1	79.1	79.3	80.0	80.4	80.4	80.7	80.9	81.0	81.1	81.1	81.3	81.4
IV ≥ 1500	15.6	70.1	75.8	79.2	81.4	81.7	82.5	82.8	82.9	83.3	83.4	83.6	83.7	83.7	83.9	84.0
IV ≥ 1200	15.7	70.9	77.0	80.9	83.6	84.1	85.0	85.5	85.5	86.0	86.1	86.3	86.4	86.4	86.6	86.7
IV ≥ 1000	15.7	71.5	78.0	82.0	84.8	85.3	86.4	87.0	87.0	87.6	87.9	88.0	88.1	88.1	88.3	88.4
IV ≥ 900	15.7	71.6	78.2	82.2	85.2	85.8	87.1	87.7	87.9	88.4	88.7	88.8	88.9	88.9	89.1	89.3
IV ≥ 800	15.8	71.9	78.6	82.8	86.0	86.8	88.4	89.1	89.3	89.9	90.2	90.3	90.4	90.4	90.6	90.8
IV ≥ 700	15.8	72.3	78.9	83.3	86.5	87.4	89.2	89.9	90.0	90.7	90.9	91.1	91.2	91.2	91.4	91.6
IV ≥ 600	15.8	72.1	79.1	83.6	87.0	87.9	89.9	90.8	91.0	92.0	92.3	92.4	92.6	92.6	92.8	93.0
IV ≥ 500	15.3	72.1	79.2	83.8	87.6	88.6	90.9	91.8	92.0	93.1	93.6	93.7	93.9	93.9	94.2	94.4
IV ≥ 400	15.8	72.3	79.4	84.3	88.4	89.7	92.2	93.2	93.4	94.7	95.3	95.4	95.6	95.6	95.9	96.1
IV ≥ 300	15.8	72.3	79.4	84.4	88.6	89.9	92.8	93.9	94.3	95.8	96.6	96.8	97.1	97.1	97.5	97.7
IV ≥ 200	15.8	72.3	79.4	84.4	88.7	89.9	92.9	94.2	94.9	96.5	97.3	97.6	98.1	98.1	98.5	98.7
IV ≥ 100	15.8	72.3	79.4	84.4	88.7	89.9	92.9	94.2	94.9	96.6	97.5	97.9	98.4	98.5	98.9	99.5
IV ≥ 0	15.8	72.3	79.4	84.4	88.7	89.9	92.9	94.2	94.9	96.6	97.5	97.9	98.4	98.5	98.9	99.5

TOTAL NUMBER OF OBSERVATIONS 2207

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	8.5	40.7	43.4	44.2	45.0	45.1	45.4	45.4	45.4	45.5	45.5	45.5	45.6	45.6	45.7	45.9
≥ 20000	8.8	44.6	47.7	48.6	49.5	49.6	50.0	50.0	50.0	50.1	50.1	50.1	50.2	50.2	50.4	50.6
IV 18000	8.9	44.7	47.8	48.7	49.6	49.7	50.1	50.2	50.2	50.2	50.2	50.2	50.3	50.4	50.5	50.7
IV 16000	8.9	44.7	47.8	48.7	49.6	49.7	50.1	50.2	50.2	50.2	50.2	50.2	50.3	50.4	50.5	50.7
IV 14000	9.1	45.2	48.3	49.2	50.1	50.3	50.8	50.8	50.8	50.9	50.9	50.9	51.0	51.0	51.2	51.4
IV 12000	9.1	46.2	49.5	50.4	51.4	51.5	52.1	52.2	52.2	52.2	52.2	52.2	52.3	52.4	52.5	52.7
IV 10000	9.3	47.5	51.1	52.3	53.4	53.5	54.1	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.5	54.7
IV 9000	9.4	48.0	51.6	52.8	53.8	54.0	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.8	55.0	55.2
IV 8000	9.6	49.9	53.8	54.9	56.1	56.3	56.8	56.9	56.9	56.9	56.9	56.9	57.0	57.1	57.2	57.4
IV 7000	9.7	51.9	55.8	57.2	58.5	58.7	59.3	59.4	59.4	59.4	59.4	59.4	59.5	59.6	59.7	59.9
IV 6000	10.0	53.3	57.2	58.7	60.0	60.2	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.1	61.2	61.4
IV 5000	10.1	55.5	59.7	61.3	62.8	63.0	63.5	63.6	63.6	63.7	63.7	63.7	63.8	63.8	64.0	64.2
IV 4500	10.1	56.4	60.6	62.3	63.8	64.0	64.7	64.8	64.8	64.8	64.8	64.8	64.9	64.9	65.1	65.3
IV 4000	10.5	58.0	62.4	64.2	65.9	66.1	66.8	67.0	67.0	67.1	67.1	67.1	67.2	67.3	67.4	67.6
IV 3500	10.8	59.4	64.2	66.1	67.8	68.1	68.8	69.0	69.0	69.1	69.1	69.2	69.3	69.3	69.5	69.7
IV 3000	10.9	62.0	67.2	69.4	71.2	71.5	72.4	72.7	72.7	72.9	72.9	73.0	73.1	73.1	73.3	73.5
IV 2500	11.2	63.9	69.6	72.0	73.8	74.0	75.1	75.5	75.5	75.6	75.7	75.8	75.9	76.0	76.1	76.3
IV 2000	11.3	66.4	72.5	75.2	77.4	77.8	78.9	79.3	79.3	79.5	79.5	79.7	79.8	79.8	80.1	80.3
IV 1800	11.5	67.2	73.6	76.4	78.7	79.2	80.3	80.7	80.7	80.9	80.9	81.1	81.2	81.2	81.5	81.7
IV 1500	11.5	68.3	74.9	77.9	80.3	80.8	82.2	82.7	82.7	82.9	83.0	83.1	83.2	83.3	83.6	83.8
IV 1200	11.5	69.2	76.3	79.7	82.2	82.8	84.2	84.8	84.9	85.1	85.1	85.3	85.5	85.5	85.8	86.0
IV 1000	11.6	70.0	77.2	80.9	83.6	84.3	85.7	86.5	86.5	86.8	86.9	87.0	87.2	87.2	87.5	87.7
IV 900	11.6	70.2	77.8	81.7	84.5	85.4	86.9	87.7	87.8	88.1	88.1	88.3	88.5	88.5	88.8	89.0
IV 800	11.6	70.4	78.0	82.2	85.3	85.5	88.3	89.2	89.3	89.6	89.7	89.8	90.0	90.0	90.4	90.5
IV 700	11.6	70.7	78.7	83.0	86.2	87.4	89.4	90.3	90.4	90.8	90.9	91.0	91.2	91.2	91.5	91.7
IV 600	11.7	71.1	79.1	83.6	87.0	88.1	90.6	91.6	91.8	92.1	92.2	92.3	92.5	92.6	92.9	93.1
IV 500	11.7	71.1	79.2	83.8	87.5	88.7	91.5	92.7	92.9	93.4	93.5	93.6	93.9	94.0	94.4	94.6
IV 400	11.7	71.2	79.5	84.1	87.9	89.2	92.1	93.5	93.7	94.7	94.9	95.0	95.5	95.6	96.1	96.3
IV 300	11.7	71.4	79.6	84.2	88.1	89.5	92.6	94.2	94.5	95.6	96.0	96.2	96.6	96.8	97.4	97.7
IV 200	11.7	71.4	79.6	84.2	88.1	89.5	92.8	94.5	94.8	95.9	96.5	96.6	97.3	97.5	98.1	98.6
IV 100	11.7	71.4	79.6	84.2	88.1	89.5	92.8	94.6	94.9	96.0	96.6	96.7	97.6	97.9	98.6	99.4
IV 0	11.7	71.4	79.6	84.2	88.1	89.5	92.8	94.6	94.9	96.0	96.6	96.7	97.6	97.9	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2208

DATA PROCESS - 544 CH  
USAF ETAC  
AIR WEATHER SERVICE/NAC

# CEILING VERSUS VISIBILITY

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 YEARS FEB MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.2	42.3	44.9	45.8	46.7	46.7	47.1	47.2	47.2	47.4	47.6	47.6	47.7	47.7	47.7	48.1
≥ 20000	8.0	45.2	48.0	49.1	50.0	50.1	50.6	50.7	50.7	50.8	51.1	51.1	51.3	51.3	51.3	51.7
≥ 18000	8.0	45.2	48.0	49.3	50.3	50.4	50.9	51.0	51.0	51.1	51.4	51.4	51.6	51.6	51.6	52.0
≥ 16000	8.1	45.5	48.3	49.6	50.6	50.7	51.2	51.3	51.3	51.4	51.7	51.7	51.9	51.9	51.9	52.3
IV 14000	8.3	46.4	49.4	50.7	51.9	51.9	52.4	52.5	52.5	52.7	52.9	52.9	53.2	53.2	53.2	53.5
IV 12000	8.6	47.4	50.5	52.1	53.4	53.5	54.1	54.1	54.1	54.2	54.5	54.5	54.7	54.7	54.7	55.1
IV 10000	8.8	49.2	52.6	54.4	55.6	55.7	56.2	56.3	56.3	56.5	56.7	56.7	57.0	57.0	57.0	57.3
IV 9000	8.8	50.2	53.8	55.6	57.0	57.0	57.6	57.7	57.7	57.8	58.1	58.1	58.3	58.3	58.3	58.7
IV 8000	8.8	51.8	55.4	57.3	58.7	58.8	59.4	59.5	59.5	59.6	59.9	59.9	60.1	60.1	60.1	60.6
IV 7000	9.2	53.4	57.3	59.2	60.8	60.7	61.3	61.4	61.4	61.6	61.8	61.8	62.1	62.1	62.1	62.5
IV 6000	9.3	54.4	58.6	60.4	62.0	62.1	62.7	62.8	62.8	62.9	63.2	63.2	63.4	63.4	63.4	63.8
IV 5000	9.5	57.6	62.2	64.1	65.9	66.0	66.6	66.7	66.7	66.8	67.1	67.1	67.3	67.3	67.3	67.8
IV 4500	9.6	58.5	63.1	65.0	66.8	66.9	67.5	67.6	67.6	67.8	68.0	68.0	68.2	68.2	68.2	68.7
IV 4000	9.7	59.4	64.0	65.9	67.7	67.8	68.3	68.4	68.4	68.6	68.8	68.8	69.0	69.0	69.0	69.5
IV 3500	9.9	60.6	65.7	67.6	69.4	69.5	70.0	70.1	70.1	70.3	70.5	70.5	70.7	70.7	70.7	71.2
IV 3000	9.9	62.2	67.7	70.2	72.2	72.4	73.2	73.4	73.4	73.7	74.0	74.0	74.3	74.3	74.3	74.8
IV 2500	10.1	63.7	69.4	72.2	74.3	74.4	75.4	75.6	75.6	75.9	76.2	76.2	76.5	76.5	76.5	77.0
IV 2000	10.4	65.8	72.1	75.1	77.8	77.8	78.9	79.1	79.2	79.4	79.7	79.7	80.1	80.1	80.1	80.6
IV 1800	10.4	66.8	73.2	76.3	78.9	79.0	80.1	80.4	80.5	80.8	81.2	81.2	81.6	81.6	81.6	82.0
IV 1500	10.4	67.7	74.5	77.7	80.8	81.0	82.3	82.6	82.7	83.0	83.4	83.4	83.8	83.8	83.8	84.3
IV 1200	10.6	68.2	75.3	78.7	82.0	82.2	84.0	84.4	84.4	84.8	85.2	85.2	85.6	85.6	85.6	86.1
IV 1000	10.6	68.3	76.3	79.8	83.7	84.0	85.9	86.3	86.3	86.7	87.1	87.1	87.6	87.6	87.6	88.1
IV 900	10.6	69.3	76.9	80.6	84.8	85.2	87.1	87.5	87.6	88.0	88.5	88.5	88.9	88.9	88.9	89.4
IV 800	10.6	69.4	77.6	81.5	85.8	86.2	88.3	88.7	88.7	89.3	89.8	89.8	90.2	90.2	90.2	90.9
IV 700	10.6	69.9	77.9	82.0	86.5	86.9	89.2	89.7	89.8	90.4	90.9	90.9	91.4	91.4	91.4	92.0
IV 600	10.6	70.3	78.3	82.6	87.3	87.8	90.5	91.1	91.1	91.8	92.3	92.3	92.9	92.9	92.9	93.5
IV 500	10.6	70.3	78.3	82.6	87.8	88.3	91.4	92.2	92.3	93.3	93.8	93.8	94.5	94.5	94.5	95.3
IV 400	10.6	70.3	78.3	82.6	88.1	88.6	92.0	93.0	93.1	94.2	94.7	94.7	95.5	95.5	95.5	96.3
IV 300	10.6	70.3	78.5	83.1	88.7	89.2	92.9	94.4	94.6	96.0	96.9	96.9	97.6	97.6	97.6	98.6
IV 200	10.6	70.3	78.5	83.1	88.7	89.3	93.0	94.7	94.9	96.4	97.4	97.5	98.3	98.3	98.3	99.5
IV 100	10.6	70.3	78.5	83.2	88.7	89.4	93.1	94.7	95.0	96.5	97.6	97.6	98.5	98.5	98.5	99.9
IV 0	10.6	70.3	78.5	83.2	88.7	89.4	93.1	94.7	95.0	96.5	97.6	97.6	98.5	98.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2022

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FJRY CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

FEB  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	5.4	37.9	41.1	42.7	44.3	44.3	44.5	44.5	44.5	44.6	44.6	44.6	44.7	44.7	44.9	45.2
IV 20000	7.2	41.5	45.0	46.6	48.3	48.4	48.5	48.6	48.6	48.6	48.7	48.7	48.9	48.9	49.1	49.4
IV 18000	7.2	41.6	45.1	46.8	48.5	48.5	48.7	48.7	48.7	48.8	48.8	48.8	49.1	49.1	49.2	49.6
IV 16000	7.2	41.6	45.1	46.8	48.5	48.6	48.8	48.8	48.8	48.9	48.9	49.9	49.2	49.2	49.3	49.7
IV 14000	7.3	42.1	45.9	47.6	49.4	49.6	49.7	49.8	49.8	49.8	49.9	49.9	50.1	50.1	50.3	50.6
IV 12000	7.5	43.4	47.2	49.1	51.0	51.1	51.4	51.5	51.5	51.5	51.6	51.6	51.8	51.8	52.0	52.3
IV 10000	7.6	45.3	49.4	51.3	53.4	53.5	53.8	53.9	53.9	53.9	54.0	54.0	54.2	54.2	54.4	54.7
IV 9000	7.6	45.9	50.2	52.4	54.3	54.4	54.7	54.8	54.8	54.8	54.9	54.9	55.1	55.1	55.3	55.6
IV 8000	7.9	48.0	52.5	54.9	56.8	57.0	57.2	57.3	57.3	57.3	57.4	57.4	57.6	57.6	57.8	58.1
IV 7000	8.1	49.5	54.1	56.6	58.6	58.7	59.0	59.1	59.1	59.1	59.2	59.2	59.4	59.4	59.6	59.9
IV 6000	8.1	50.4	55.1	57.7	59.7	59.9	60.3	60.4	60.4	60.4	60.5	60.5	60.7	60.7	60.9	61.2
IV 5000	8.5	53.5	58.6	61.3	63.5	63.8	64.2	64.3	64.3	64.4	64.4	64.4	64.7	64.7	64.8	65.2
IV 4500	8.5	54.4	59.5	62.3	64.8	65.0	65.5	65.6	65.6	65.6	65.7	65.7	65.9	65.9	66.1	66.4
IV 4000	8.7	55.4	60.8	63.8	66.4	66.7	67.1	67.2	67.2	67.3	67.4	67.4	67.6	67.6	67.8	68.1
IV 3500	8.8	56.5	62.0	65.1	67.7	68.0	68.5	68.6	68.6	68.7	68.8	68.8	69.0	69.0	69.2	69.5
IV 3000	8.9	58.0	64.0	67.2	69.9	70.2	70.9	71.0	71.0	71.1	71.3	71.3	71.5	71.5	71.7	72.0
IV 2500	9.1	59.1	65.3	68.8	71.6	72.0	72.9	73.0	73.0	73.1	73.3	73.3	73.6	73.6	73.7	74.1
IV 2000	9.3	61.4	67.5	71.5	74.7	75.0	76.0	76.2	76.2	76.2	76.4	76.4	76.7	76.7	76.9	77.2
IV 1800	9.4	61.9	68.6	72.7	76.0	76.3	77.3	77.5	77.6	77.6	77.8	77.8	78.1	78.1	78.3	78.6
IV 1500	9.5	63.3	70.6	74.9	78.4	78.8	80.0	80.3	80.3	80.5	80.7	80.7	81.0	81.0	81.1	81.4
IV 1200	9.6	64.4	72.4	77.0	81.2	81.6	82.9	83.2	83.3	83.5	83.7	83.7	84.0	84.0	84.2	84.5
IV 1000	9.6	64.5	72.7	77.8	82.3	82.7	84.1	84.6	84.7	85.1	85.3	85.3	85.6	85.6	85.7	86.1
IV 900	9.6	65.2	73.6	78.9	83.5	83.9	85.4	85.8	85.9	86.4	86.6	86.6	86.9	86.9	87.1	87.4
IV 800	9.6	65.6	74.3	80.2	85.1	85.6	87.1	87.5	87.6	88.2	88.4	88.4	88.8	88.8	89.1	89.4
IV 700	9.6	65.7	74.4	80.6	85.6	86.2	87.8	88.3	88.5	89.2	89.5	89.5	90.0	90.0	90.2	90.5
IV 600	9.6	65.9	74.7	81.1	86.5	87.1	89.3	89.9	90.1	90.8	91.2	91.2	91.8	91.8	92.1	92.4
IV 500	9.6	66.0	74.7	81.3	87.3	88.1	90.4	91.0	91.2	92.3	92.7	92.7	93.3	93.3	93.7	94.1
IV 400	9.6	66.0	74.8	81.5	87.8	88.6	91.0	91.8	92.1	93.3	93.9	93.9	94.6	94.6	95.2	95.6
IV 300	9.6	66.0	75.0	81.8	88.2	89.2	91.7	92.7	93.0	94.4	95.2	95.2	96.1	96.1	96.5	96.9
IV 200	9.6	66.0	75.0	81.8	88.2	89.2	91.8	93.1	93.5	95.2	96.1	96.2	97.5	97.5	98.0	98.5
IV 100	9.6	66.0	75.1	81.9	88.4	89.4	92.0	93.2	93.6	95.5	96.5	96.6	97.9	98.0	98.6	99.4
IV 0	9.6	66.0	75.1	81.9	88.4	89.4	92.0	93.2	93.6	95.6	96.6	96.7	98.0	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2021



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 YEARS FEB MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS(LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	6.4	28.8	32.0	34.1	36.3	36.7	38.1	38.8	38.9	39.3	39.5	39.5	39.6	39.6	39.6	40.1
≥ 20000	7.2	32.6	36.3	39.0	41.8	42.2	43.8	44.6	44.8	45.2	45.4	45.4	45.5	45.5	45.5	46.0
IV 18000	7.3	32.6	36.4	39.1	41.9	42.3	44.0	44.7	44.9	45.3	45.5	45.5	45.6	45.6	45.7	46.1
IV 16000	7.3	32.7	36.5	39.2	42.0	42.4	44.1	44.8	45.0	45.4	45.6	45.6	45.7	45.7	45.8	46.3
IV 14000	7.4	33.1	37.0	39.7	42.6	43.0	44.7	45.5	45.7	46.1	46.3	46.3	46.4	46.4	46.4	46.9
IV 12000	7.6	33.8	38.0	40.8	43.6	44.1	46.0	46.8	47.0	47.4	47.6	47.6	47.7	47.7	47.7	48.2
IV 10000	7.8	35.3	39.9	42.9	46.0	46.6	48.7	49.5	49.7	50.1	50.3	50.3	50.4	50.4	50.5	51.0
IV 9000	7.8	35.9	40.6	43.8	47.0	47.6	49.7	50.6	50.8	51.2	51.4	51.4	51.5	51.5	51.5	52.0
IV 8000	8.3	37.0	41.9	45.4	48.7	49.5	51.6	52.5	52.7	53.1	53.3	53.3	53.4	53.4	53.4	53.9
IV 7000	8.4	38.1	43.2	47.1	50.6	51.3	53.4	54.3	54.5	54.9	55.1	55.1	55.2	55.2	55.3	55.8
IV 6000	8.4	39.7	44.2	48.2	51.9	52.6	54.8	55.7	55.9	56.3	56.6	56.6	56.7	56.7	56.7	57.2
IV 5000	8.8	41.5	47.0	51.2	55.1	55.9	58.1	59.0	59.2	59.6	59.8	59.8	59.9	59.9	60.0	60.5
IV 4500	8.8	42.4	47.9	52.3	56.4	57.1	59.4	60.3	60.5	60.9	61.1	61.1	61.2	61.2	61.3	61.8
IV 4000	8.9	43.5	49.3	53.7	58.1	59.0	61.3	62.2	62.4	62.8	63.0	63.0	63.2	63.2	63.3	63.8
IV 3500	9.2	45.0	50.9	55.5	60.2	61.0	63.4	64.3	64.5	64.9	65.2	65.2	65.4	65.4	65.4	65.9
IV 3000	9.3	46.3	52.4	57.4	62.4	63.2	65.7	66.6	66.8	67.2	67.6	67.6	67.8	67.8	67.8	68.3
IV 2500	9.5	47.1	53.5	58.6	63.7	64.7	67.3	68.3	68.6	69.1	69.4	69.4	69.6	69.6	69.7	70.2
IV 2000	9.7	50.0	56.7	62.0	67.6	68.7	71.5	72.6	72.9	73.5	73.9	73.9	74.1	74.1	74.1	74.6
IV 1800	10.0	51.4	58.3	63.6	69.3	70.4	73.1	74.2	74.6	75.2	75.6	75.6	75.8	75.8	75.9	76.4
IV 1500	10.5	53.1	60.3	65.9	71.8	73.0	76.2	77.2	77.6	78.3	78.8	78.8	79.0	79.0	79.0	79.6
IV 1200	10.7	54.7	62.4	68.2	74.4	75.5	78.9	80.0	80.4	81.1	81.6	81.6	81.8	81.8	81.8	82.4
IV 1000	10.8	55.4	63.6	69.8	76.2	77.5	81.2	82.5	82.9	83.8	84.5	84.5	84.7	84.7	84.8	85.4
IV 900	10.8	55.8	64.2	70.6	77.3	78.6	82.5	84.0	84.5	85.4	86.1	86.1	86.4	86.4	86.5	87.0
IV 800	10.8	56.5	65.1	71.6	78.3	79.7	83.8	85.4	85.9	87.0	87.7	87.7	88.0	88.0	88.1	88.7
IV 700	10.8	56.6	65.2	72.0	78.9	80.4	84.6	86.2	86.8	88.0	88.8	88.8	89.2	89.2	89.3	89.8
IV 600	10.8	57.3	65.9	72.9	79.9	81.3	85.8	87.6	88.2	89.6	90.4	90.5	90.7	90.9	91.0	91.6
IV 500	10.8	57.3	66.1	73.2	80.5	82.0	86.8	89.0	89.6	91.0	92.1	92.2	92.8	92.8	93.0	93.6
IV 400	10.8	57.1	66.1	73.3	80.7	82.4	87.2	89.4	90.2	92.1	93.3	93.4	94.1	94.1	94.4	94.9
IV 300	10.8	57.1	66.2	73.5	80.9	82.6	87.5	89.8	90.5	93.2	94.5	94.6	95.5	95.5	96.0	96.8
IV 200	10.8	57.1	66.2	73.5	81.0	82.7	87.7	90.1	90.8	93.6	95.4	95.6	97.4	97.5	98.5	99.6
IV 100	10.8	57.1	66.2	73.5	81.0	82.7	87.7	90.1	90.8	93.6	95.4	95.6	97.4	97.5	98.5	99.6
IV 0	10.8	57.1	66.2	73.5	81.0	82.7	87.7	90.1	90.8	93.7	95.4	95.6	97.5	97.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2021

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

FEB  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 2000	12.0 14.3	34.4 39.8	36.2 41.9	37.2 43.4	37.8 44.5	37.9 44.6	37.9 44.7	38.1 45.0	38.1 45.0	38.2 45.1	38.2 45.1	38.2 45.1	38.2 45.1	38.2 45.1	38.2 45.1	38.5 45.2
IV 18000 16000	14.4 14.4	39.9 40.0	42.0 42.1	43.5 43.7	44.6 44.8	44.7 44.9	44.8 45.0	45.1 45.3	45.1 45.3	45.2 45.4	45.2 45.4	45.2 45.5	45.2 45.5	45.3 45.5	45.3 45.5	45.3 45.6
IV 14000 12000	14.5 14.8	40.5 41.5	42.9 44.1	44.7 45.9	45.8 47.3	45.9 47.5	46.1 47.7	46.5 48.1	46.5 48.1	46.6 48.2	46.6 48.2	46.7 48.3	46.7 48.3	46.7 48.4	46.7 48.4	46.8 48.4
IV 10000 9000	15.0 15.2	43.6 44.4	46.3 47.4	48.5 49.6	49.9 51.0	50.0 51.2	50.3 51.4	50.7 51.9	50.7 51.9	50.8 52.0	50.8 52.0	50.9 52.1	50.9 52.1	50.9 52.1	51.0 52.1	51.0 52.2
IV 8000 7000	15.3 15.8	45.5 46.9	48.5 50.0	50.8 52.6	52.3 54.2	52.5 54.5	52.7 54.7	53.2 55.1	53.2 55.1	53.3 55.2	53.3 55.2	53.4 55.3	53.4 55.3	53.4 55.4	53.4 55.4	53.5 55.4
IV 6000 5000	15.9 16.1	47.7 48.8	51.1 52.5	54.0 55.7	55.7 57.5	56.0 58.1	56.5 58.7	56.9 59.1	56.9 59.1	57.0 59.2	57.0 59.2	57.1 59.3	57.1 59.3	57.1 59.4	57.2 59.4	57.2 59.4
IV 4500 4000	16.2 16.4	49.9 50.6	52.7 54.7	56.8 58.1	58.8 60.3	59.3 60.9	59.8 61.5	60.2 62.0	60.2 62.0	60.3 62.1	60.4 62.1	60.4 62.2	60.4 62.2	60.5 62.2	60.5 62.2	60.5 62.3
IV 3500 3000	16.4 16.8	51.8 53.2	56.0 57.6	59.5 61.5	61.9 64.3	62.6 65.0	63.4 65.8	63.9 66.4	63.9 66.4	64.1 66.7	64.1 66.7	64.2 66.8	64.2 66.8	64.2 66.8	64.2 66.8	64.3 66.9
IV 2500 2000	17.6 18.2	55.1 58.5	60.1 64.0	64.1 68.3	67.0 71.7	67.8 72.6	68.8 73.7	69.4 74.5	69.5 74.6	69.8 74.8	69.8 74.9	69.9 74.9	69.9 75.0	69.9 75.0	69.9 75.0	70.0 75.0
IV 1800 1500	18.5 18.9	59.9 61.5	65.4 67.4	69.9 72.0	73.3 75.5	74.2 76.5	75.3 77.8	76.0 78.6	76.1 78.7	76.4 79.0	76.4 79.0	76.5 79.1	76.5 79.1	76.6 79.2	76.6 79.2	76.6 79.2
IV 1200 1000	19.0 19.2	63.4 65.1	69.8 71.9	74.5 77.2	78.2 81.2	79.5 82.6	80.9 84.4	81.7 85.4	81.8 85.5	82.1 85.9	82.1 86.2	82.2 86.3	82.2 86.3	82.3 86.4	82.3 86.4	82.3 86.5
IV 900 800	19.2 19.3	65.4 66.3	72.8 73.9	78.2 79.6	82.3 84.0	83.8 85.5	85.7 87.5	86.9 88.9	87.0 89.1	87.5 89.6	87.8 89.9	87.9 90.0	87.9 90.0	88.0 90.0	88.0 90.1	88.1 90.1
IV 700 600	19.3 19.4	66.7 66.8	74.6 74.9	80.3 80.9	85.0 85.7	86.6 87.4	88.8 89.8	90.3 91.5	90.4 91.6	90.9 92.3	91.3 92.8	91.4 92.8	91.5 93.0	91.6 93.0	91.7 93.0	91.7 93.0
IV 500 400	19.4 19.4	66.9 67.1	75.2 75.5	81.5 82.0	86.5 87.2	88.2 89.0	90.6 91.6	92.9 94.0	93.1 94.2	93.9 95.1	94.6 95.9	94.9 95.9	95.0 96.4	95.1 96.7	95.3 96.8	95.3 96.9
IV 300 200	19.4 19.4	67.1 67.1	75.5 75.5	82.1 82.1	87.3 87.3	89.1 89.1	92.0 92.0	94.6 94.7	94.8 95.0	96.0 96.3	97.1 97.4	97.1 97.4	97.9 98.6	98.2 99.0	98.3 99.2	98.5 99.3
IV 100 0	19.4 19.4	67.1 67.1	75.5 75.5	82.1 82.1	87.3 87.3	89.1 89.1	92.0 92.0	94.7 94.7	95.0 95.0	96.3 96.3	97.4 97.4	97.4 97.4	98.9 98.9	99.3 99.3	99.6 99.6	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS 2020

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF STATION NAME 44-45,51-7 YEARS FEB MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8
NO CEILING	19.5	30.3	38.6	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 20000	22.2	47.3	47.6	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 12000	22.2	47.0	47.7	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
IV 16000	22.2	47.2	47.9	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 14000	22.7	47.9	48.6	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 12000	22.9	48.9	49.7	50.4	50.5	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IV 10000	23.5	51.7	52.5	53.2	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 9000	23.7	52.7	53.4	54.2	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 8000	23.9	53.9	54.7	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 7000	24.2	55.3	56.4	57.4	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV 6000	24.4	56.3	57.6	58.7	58.9	59.0	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
IV 5000	24.7	57.3	59.3	60.4	60.8	60.9	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
IV 4500	24.9	58.4	59.9	61.1	61.5	61.6	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 4000	25.4	59.6	61.5	62.9	63.7	63.9	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4
IV 3500	25.5	60.3	62.4	63.8	64.6	64.7	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3
IV 3000	26.7	63.0	65.3	67.0	67.8	68.1	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 2500	27.6	66.1	68.5	70.2	71.2	71.5	72.0	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3
IV 2000	28.5	69.1	72.0	73.9	75.2	75.5	76.3	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.6
IV 1800	28.7	70.4	73.5	75.5	76.7	77.2	77.9	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3
IV 1500	29.0	72.2	75.7	77.8	79.2	79.7	80.5	80.7	80.7	80.9	81.0	81.0	81.0	81.0	81.0
IV 1200	29.3	73.9	77.8	80.1	81.8	82.4	83.4	83.8	83.9	84.1	84.2	84.2	84.2	84.2	84.2
IV 1000	29.4	75.2	79.6	82.1	84.0	84.7	85.9	86.7	86.8	87.0	87.2	87.2	87.2	87.2	87.2
IV 900	29.4	75.8	80.6	83.6	85.9	86.9	88.2	89.0	89.2	89.5	89.6	89.6	89.6	89.7	89.7
IV 800	29.5	76.2	81.3	84.4	87.0	88.1	89.5	90.5	90.6	90.9	91.1	91.1	91.1	91.2	91.3
IV 700	29.5	76.5	81.9	85.3	88.1	89.3	91.0	92.3	92.5	92.8	93.1	93.2	93.3	93.4	93.4
IV 600	29.5	76.7	82.3	85.9	88.8	90.2	92.1	93.6	93.8	94.2	94.6	94.7	94.8	94.9	94.9
IV 500	29.5	76.8	82.5	86.4	89.5	91.2	93.4	94.9	95.2	95.8	96.3	96.4	96.5	96.7	96.7
IV 400	29.5	76.8	82.7	86.6	89.9	91.7	94.2	95.9	96.1	97.1	97.7	97.8	98.0	98.1	98.2
IV 300	29.5	76.8	82.7	86.7	90.1	92.0	94.5	96.3	96.6	97.7	98.7	98.8	99.1	99.3	99.3
IV 200	29.5	76.8	82.8	86.7	90.2	92.1	94.6	96.5	96.8	97.9	99.0	99.2	99.6	99.9	99.9
IV 100	29.5	76.8	82.8	86.7	90.2	92.1	94.6	96.5	96.8	97.9	99.0	99.2	99.7	99.9	100.0
IV 0	29.5	76.8	82.8	86.7	90.2	92.1	94.6	96.5	96.8	98.0	99.1	99.2	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2017

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

FEB  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	13.6 15.5	42.1 48.4	43.1 49.5	43.9 50.4	44.1 50.7	44.2 50.7	44.5 51.3	44.5 51.3	44.5 51.3	44.5 51.3	44.5 51.3	44.5 51.3	44.5 51.3	44.5 51.3	44.5 51.3	44.5 51.3
IV 18000 16000	15.5 15.5	48.5 48.5	49.6 49.6	50.5 50.7	50.8 51.0	50.9 51.1	51.4 51.7	51.4 51.7	51.4 51.7	51.5 51.7	51.5 51.7	51.5 51.7	51.5 51.7	51.5 51.7	51.5 51.7	51.5 51.7
IV 14000 12000	16.1 16.2	49.5 50.8	50.7 52.4	52.1 53.8	52.6 54.3	52.6 54.4	53.2 55.0	53.2 55.0	53.2 55.0	53.3 55.0	53.3 55.0	53.3 55.0	53.3 55.0	53.3 55.0	53.3 55.0	53.3 55.0
IV 10000 9000	17.0 17.4	53.6 54.9	55.4 56.7	56.9 58.2	57.4 58.7	57.5 58.8	58.1 59.4	58.1 59.4	58.1 59.4	58.1 59.4	58.1 59.4	58.1 59.4	58.1 59.4	58.1 59.4	58.1 59.4	58.1 59.4
IV 8000 7000	17.6 17.8	56.5 58.2	58.2 60.1	59.8 61.6	60.3 62.2	60.4 62.2	61.0 62.8	61.0 62.8	61.0 62.8	61.0 62.9	61.0 62.9	61.0 62.9	61.0 62.9	61.0 62.9	61.0 62.9	61.0 62.9
IV 6000 5000	18.1 18.5	59.1 61.3	61.0 63.5	62.6 65.2	63.1 65.9	63.2 65.9	63.8 66.5	63.8 66.5	63.8 66.5	63.8 66.6	63.8 66.6	63.8 66.7	63.8 66.7	63.8 66.7	63.8 66.7	63.8 66.7
IV 4500 4000	18.7 19.0	62.1 63.5	64.5 66.0	66.3 68.5	67.0 69.3	67.0 69.4	67.7 70.0	67.7 70.1	67.7 70.1	67.7 70.2	67.7 70.2	67.7 70.2	67.7 70.2	67.7 70.2	67.7 70.2	67.7 70.2
IV 3500 3000	19.1 19.4	64.4 66.3	67.1 69.8	69.6 72.8	70.4 73.7	70.5 73.8	71.2 74.5	71.4 74.8	71.4 74.8	71.4 74.8	71.4 74.8	71.4 74.8	71.4 74.8	71.5 75.0	71.5 75.0	71.5 75.0
IV 2500 2000	19.7 20.0	68.7 70.7	72.4 75.0	75.8 78.7	76.8 79.9	77.0 80.1	77.8 81.1	78.1 81.3	78.1 81.3	78.1 81.5	78.1 81.6	78.1 81.6	78.1 81.6	78.1 81.8	78.1 81.8	78.1 81.8
IV 1800 1500	20.0 20.3	70.8 71.7	75.3 76.6	79.3 80.7	80.7 82.8	81.0 83.2	82.1 84.5	82.4 84.9	82.4 84.9	82.6 85.2	82.7 85.3	82.7 85.3	82.7 85.3	82.9 85.4	82.9 85.4	82.9 85.4
IV 1200 1000	20.3 20.3	72.4 72.8	78.1 78.7	82.6 83.4	85.3 86.2	85.7 86.6	87.1 88.3	87.7 88.9	87.7 88.9	88.1 89.3	88.2 89.4	88.2 89.4	88.2 89.5	88.3 89.5	88.3 89.5	88.3 89.5
IV 900 800	20.3 20.4	73.0 73.2	78.9 79.4	83.7 84.3	87.0 87.8	87.4 88.3	89.2 90.3	89.9 91.3	89.9 91.3	90.3 91.9	90.4 92.1	90.4 92.1	90.4 92.1	90.5 92.2	90.5 92.2	90.5 92.2
IV 700 600	20.4 20.4	73.2 73.4	79.4 79.7	84.4 84.9	88.0 89.2	88.6 90.2	90.9 92.5	91.9 93.7	92.0 93.7	92.6 94.5	92.9 94.9	92.9 94.9	92.9 95.2	93.1 95.2	93.1 95.2	93.1 95.2
IV 500 400	20.4 20.4	73.6 73.6	80.0 80.0	85.4 85.5	89.5 90.1	91.0 91.3	93.5 94.1	94.9 95.8	95.0 95.9	95.9 97.0	96.3 97.4	96.3 97.4	96.3 97.4	96.7 97.7	96.7 97.7	96.7 97.7
IV 300 200	20.4 20.4	73.6 73.6	80.0 80.0	85.5 85.5	90.4 90.4	91.7 91.7	94.6 94.7	96.7 96.8	96.9 97.1	98.2 98.4	98.7 99.0	98.8 99.0	98.8 99.0	99.1 99.5	99.1 99.5	99.1 99.5
IV 100 0	20.4 20.4	73.6 73.6	80.0 80.0	85.5 85.5	90.4 90.4	91.7 91.7	94.7 94.7	96.8 96.8	97.1 97.1	98.4 98.4	99.1 99.1	99.1 99.1	99.1 99.1	99.6 99.6	99.6 99.6	99.8 100.0

TOTAL NUMBER OF OBSERVATIONS 2014

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/TAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

FE8  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	29.9	39.1	39.5	39.6	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IV 20000	23.3	48.3	48.9	49.5	49.6	49.6	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IV 18000	24.1	48.6	49.2	49.9	50.0	50.0	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 16000	24.1	48.6	49.2	49.9	50.0	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 14000	24.4	49.5	50.1	50.8	50.9	50.9	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 12000	25.0	51.4	52.3	53.1	53.1	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 10000	25.0	53.5	54.6	55.3	55.5	55.5	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 9000	26.2	54.6	55.7	56.4	56.6	56.6	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 8000	26.3	56.7	57.9	58.7	58.8	58.8	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 7000	27.2	57.7	59.0	59.8	60.2	60.3	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
IV 6000	27.2	58.3	59.7	60.6	61.1	61.1	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 5000	27.6	59.5	61.1	62.2	62.8	62.9	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 4500	27.6	60.4	62.1	63.3	63.9	64.0	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 4000	28.3	61.6	63.6	64.9	65.5	65.6	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 3500	29.1	63.1	65.1	66.7	67.4	67.6	67.9	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3
IV 3000	29.7	65.7	68.2	70.0	70.8	71.0	71.5	71.8	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.0
IV 2500	30.6	68.9	71.7	73.5	74.6	74.8	75.3	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8
IV 2000	31.5	72.1	75.5	77.5	78.8	79.1	79.7	80.0	80.0	80.2	80.2	80.2	80.2	80.3	80.3	80.3
IV 1800	31.6	72.8	76.4	78.5	79.8	80.1	80.7	81.0	81.0	81.2	81.2	81.2	81.2	81.3	81.3	81.3
IV 1500	32.0	73.7	77.8	80.5	82.2	82.5	83.3	83.7	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0
IV 1200	32.1	75.2	79.7	82.8	85.1	85.5	86.7	87.3	87.3	87.5	87.6	87.6	87.6	87.7	87.7	87.7
IV 1000	32.1	76.1	81.0	84.2	86.8	87.4	88.6	89.5	89.5	89.7	89.8	89.8	89.8	89.9	89.9	89.9
IV 900	32.1	76.3	81.5	84.9	87.9	88.6	90.0	90.9	91.0	91.2	91.3	91.3	91.3	91.4	91.4	91.4
IV 800	32.2	76.6	82.0	85.7	89.0	89.9	91.6	92.5	92.6	92.9	93.1	93.1	93.1	93.2	93.2	93.2
IV 700	32.2	76.8	82.4	86.3	89.9	91.0	92.8	93.7	93.8	94.1	94.4	94.4	94.4	94.5	94.5	94.5
IV 600	32.2	76.9	82.5	86.7	90.5	91.8	93.6	94.7	94.8	95.3	95.6	95.6	95.6	95.7	95.7	95.7
IV 500	32.2	77.2	82.9	87.2	91.0	92.4	94.5	95.3	96.0	96.6	96.9	96.9	96.9	97.1	97.2	97.3
IV 400	32.2	77.2	83.0	87.4	91.4	92.9	95.2	96.3	97.0	97.7	98.7	98.0	98.2	98.4	98.4	98.4
IV 300	32.2	77.2	83.0	87.5	91.5	93.1	95.6	97.4	97.6	98.4	99.1	99.1	99.5	99.7	99.7	99.7
IV 200	32.2	77.2	83.0	87.5	91.5	93.1	95.6	97.4	97.6	98.4	99.1	99.1	99.6	99.8	99.9	99.9
IV 100	32.2	77.2	83.0	87.5	91.5	93.1	95.6	97.4	97.6	98.4	99.1	99.1	99.6	99.8	99.9	100.0
IV 0	32.2	77.2	83.0	87.5	91.5	93.1	95.6	97.4	97.6	98.4	99.1	99.1	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2017

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

FEB  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	10.0	43.5	45.6	46.9	47.8	47.9	43.3	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.7	48.8
IV 20000	11.2	47.9	50.3	51.9	52.8	52.9	53.3	53.3	53.3	53.5	53.5	53.5	53.6	53.7	53.8	53.9
IV 18000	11.2	48.0	50.3	52.0	52.9	53.0	53.4	53.4	53.4	53.7	53.7	53.7	53.8	53.8	54.0	54.1
IV 16000	11.2	48.1	50.4	52.2	53.1	53.1	53.6	53.6	53.6	53.8	53.8	53.8	53.9	54.0	54.1	54.2
IV 14000	11.4	48.9	51.4	53.2	54.2	54.2	54.7	54.7	54.7	54.9	54.9	54.9	55.0	55.0	55.2	55.3
IV 12000	11.4	49.8	52.5	54.6	55.5	55.6	56.1	56.1	56.1	56.4	56.4	56.4	56.5	56.5	56.7	56.8
IV 10000	11.8	51.9	54.8	57.0	58.1	58.1	58.7	58.7	58.7	58.9	58.9	58.9	59.0	59.1	59.2	59.3
IV 9000	11.9	52.7	55.8	58.1	59.2	59.2	59.8	59.8	59.8	60.0	60.0	60.0	60.1	60.1	60.3	60.4
IV 8000	12.2	54.5	57.7	60.0	61.1	61.2	61.7	61.7	61.7	62.0	62.0	62.0	62.1	62.1	62.3	62.4
IV 7000	12.6	56.3	59.7	62.7	63.2	63.2	63.8	63.8	63.8	64.0	64.0	64.0	64.1	64.2	64.3	64.4
IV 6000	12.7	57.5	61.0	63.4	64.5	64.6	65.1	65.1	65.1	65.3	65.3	65.3	65.4	65.5	65.6	65.7
IV 5000	13.2	60.2	63.8	66.2	67.4	67.5	68.0	68.0	68.0	68.2	68.2	68.2	68.4	68.4	68.6	68.7
IV 4500	13.4	61.0	64.6	67.2	68.6	68.7	69.2	69.2	69.2	69.5	69.5	69.5	69.6	69.6	69.8	69.9
IV 4000	13.7	63.1	66.7	69.5	71.0	71.1	71.6	71.6	71.6	71.9	71.9	71.9	72.0	72.1	72.2	72.3
IV 3500	13.7	64.0	67.7	70.5	72.0	72.1	72.6	72.6	72.6	72.9	72.9	72.9	73.0	73.1	73.2	73.3
IV 3000	14.0	65.6	69.8	72.8	74.6	74.7	75.4	75.4	75.4	75.8	75.8	75.8	75.9	76.0	76.1	76.2
IV 2500	14.1	67.4	71.8	75.0	76.9	77.1	77.8	77.8	77.8	78.2	78.2	78.2	78.4	78.5	78.6	78.7
IV 2000	14.5	69.1	74.0	77.9	80.2	80.3	81.1	81.1	81.1	81.5	81.5	81.5	81.9	81.9	82.1	82.2
IV 1800	14.5	69.3	74.4	78.5	81.1	81.2	82.0	82.0	82.1	82.5	82.5	82.5	82.8	82.9	83.0	83.1
IV 1500	14.7	70.4	75.9	80.3	83.2	83.4	84.5	84.6	84.7	85.1	85.1	85.1	85.4	85.5	85.6	85.7
IV 1200	14.8	71.3	77.4	82.1	85.4	85.8	86.9	87.0	87.1	87.6	87.6	87.6	88.0	88.1	88.2	88.3
IV 1000	14.8	71.6	77.9	82.6	86.4	86.8	88.0	88.2	88.2	88.8	88.8	88.8	89.2	89.2	89.4	89.5
IV 900	14.8	71.7	78.3	83.1	87.2	87.6	88.9	89.1	89.1	89.7	89.7	89.7	90.0	90.1	90.2	90.3
IV 800	14.8	71.8	78.5	83.4	88.0	88.5	90.1	90.4	90.5	91.1	91.1	91.2	91.6	91.6	91.8	91.9
IV 700	14.8	71.8	78.5	83.6	88.5	89.2	91.0	91.3	91.4	92.0	92.1	92.2	92.6	92.6	92.8	92.9
IV 600	14.8	71.9	78.9	84.1	89.6	90.4	92.5	92.8	92.9	93.6	93.6	93.8	94.3	94.3	94.5	94.6
IV 500	14.8	71.9	79.0	84.5	90.0	91.0	93.4	93.9	94.0	94.7	94.9	94.9	95.4	95.4	95.6	95.7
IV 400	14.8	71.9	79.0	84.6	90.3	91.4	94.2	94.9	95.0	95.6	95.8	95.9	96.4	96.4	96.6	96.7
IV 300	14.8	71.9	79.0	84.6	90.6	91.7	94.7	95.5	95.7	96.7	96.9	97.0	97.7	97.7	97.9	98.0
IV 200	14.8	71.9	79.0	84.6	90.6	91.8	94.8	95.7	96.0	97.2	97.7	97.9	98.6	98.7	98.9	99.0
IV 100	14.8	71.9	79.0	84.6	90.6	91.8	94.8	95.7	96.0	97.2	97.8	98.0	98.7	98.8	99.1	99.4
IV 0	14.8	71.9	79.0	84.6	90.6	91.8	94.8	95.7	96.0	97.2	97.8	98.0	98.7	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2020

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

MAR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.7	44.4	46.7	48.0	48.4	48.4	48.7	48.9	48.9	49.0	49.1	49.1	49.1	49.1	49.3	49.3
IV 20000	10.7	48.5	50.9	52.2	52.7	52.9	53.2	53.4	53.4	53.5	53.6	53.6	53.8	53.8	53.9	54.0
IV 18000	10.7	48.5	50.9	52.2	52.7	52.8	53.2	53.4	53.4	53.5	53.6	53.6	53.8	53.8	53.9	54.0
IV 16000	10.9	48.5	50.9	52.2	52.8	52.8	53.2	53.5	53.5	53.6	53.7	53.7	53.8	53.9	54.0	54.1
IV 14000	10.9	49.0	51.4	52.7	53.3	53.4	53.7	54.0	54.0	54.1	54.2	54.2	54.4	54.4	54.5	54.5
IV 12000	10.9	49.9	52.4	53.8	54.4	54.5	54.9	55.1	55.1	55.3	55.4	55.4	55.5	55.5	55.7	55.7
IV 10000	11.0	52.2	54.8	56.3	56.9	57.0	57.4	57.6	57.6	57.8	57.9	57.9	58.1	58.1	58.2	58.2
IV 9000	11.2	52.9	55.6	57.0	57.7	57.8	58.2	58.4	58.4	58.6	58.7	58.7	58.9	58.9	59.0	59.1
IV 8000	11.5	55.4	58.5	60.0	60.6	60.8	61.2	61.5	61.5	61.7	61.8	61.8	62.0	62.0	62.1	62.2
IV 7000	11.8	56.9	60.2	61.7	62.4	62.6	63.1	63.4	63.4	63.5	63.7	63.7	63.9	63.9	64.0	64.1
IV 6000	11.9	59.4	62.9	64.4	65.2	65.4	65.9	66.2	66.2	66.4	66.5	66.5	66.7	66.7	66.8	66.8
IV 5000	12.0	62.5	66.2	67.7	68.7	68.9	69.3	69.7	69.7	69.9	70.0	70.0	70.2	70.2	70.3	70.4
IV 4500	12.1	64.0	68.0	69.5	70.6	70.8	71.2	71.6	71.6	71.9	71.9	71.9	72.1	72.1	72.2	72.3
IV 4000	12.3	65.5	69.9	71.6	72.7	72.8	73.3	73.8	73.8	74.0	74.1	74.1	74.2	74.2	74.4	74.4
IV 3500	12.5	67.1	71.8	73.5	74.6	74.8	75.4	75.8	75.8	76.0	76.1	76.1	76.3	76.3	76.4	76.4
IV 3000	12.7	69.4	74.5	76.7	78.0	78.2	78.7	79.2	79.2	79.4	79.5	79.5	79.6	79.6	79.8	79.9
IV 2500	12.7	71.1	76.4	78.6	80.0	80.2	80.8	81.2	81.2	81.4	81.5	81.5	81.7	81.7	81.8	81.9
IV 2000	12.9	73.9	79.7	82.0	83.5	83.8	84.5	84.9	84.9	85.1	85.2	85.2	85.4	85.4	85.5	85.6
IV 1800	13.1	74.7	80.6	82.9	84.4	84.7	85.4	85.8	85.8	86.0	86.1	86.1	86.3	86.3	86.4	86.5
IV 1500	13.4	75.7	82.1	84.5	86.3	86.5	87.2	87.7	87.7	88.0	88.1	88.1	88.3	88.3	88.5	88.6
IV 1200	13.5	76.7	83.4	86.3	88.2	88.5	89.4	89.8	89.9	90.3	90.4	90.4	90.6	90.6	90.7	90.8
IV 1000	13.5	77.5	84.4	87.4	89.6	89.9	90.9	91.4	91.4	91.8	91.9	91.9	92.2	92.2	92.3	92.4
IV 900	13.5	77.6	84.5	87.7	90.0	90.3	91.4	91.9	92.0	92.3	92.5	92.5	92.7	92.7	92.8	92.9
IV 800	13.6	78.0	85.1	88.7	91.2	91.5	92.8	93.3	93.4	93.7	93.9	93.9	94.2	94.2	94.3	94.4
IV 700	13.6	78.5	85.6	89.3	92.0	92.5	93.7	94.2	94.3	94.7	94.9	94.9	95.1	95.2	95.3	95.4
IV 600	13.6	78.6	85.9	90.0	92.8	93.4	94.7	95.2	95.3	95.6	95.8	95.8	96.1	96.1	96.3	96.4
IV 500	13.6	78.6	86.1	90.3	93.3	94.1	95.5	96.0	96.1	96.5	96.7	96.7	97.1	97.2	97.3	97.4
IV 400	13.6	78.7	86.2	90.5	93.6	94.4	96.1	96.7	96.8	97.2	97.5	97.5	97.9	98.0	98.1	98.2
IV 300	13.6	78.8	86.4	90.7	93.8	94.7	96.5	97.1	97.3	98.2	98.4	98.4	99.0	99.1	99.2	99.4
IV 200	13.6	78.8	86.4	90.7	93.8	94.7	96.5	97.2	97.3	98.5	98.7	98.7	99.3	99.4	99.5	99.8
IV 100	13.6	78.8	86.4	90.7	93.8	94.7	96.6	97.3	97.4	98.6	98.8	98.8	99.3	99.4	99.5	99.9
IV 0	13.6	78.8	86.4	90.7	93.8	94.7	96.6	97.3	97.4	98.6	98.8	98.8	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2220

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SER/ICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

MAR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	7.3	40.3	43.5	45.2	45.8	46.0	46.2	46.5	46.6	46.7	46.8	46.9	46.9	46.9	46.9	47.1
IV 20000	8.1	44.7	48.2	50.0	50.9	51.1	51.3	51.7	51.7	52.0	52.0	52.1	52.1	52.1	52.2	52.3
IV 18000	8.2	44.8	48.3	50.1	51.0	51.2	51.4	51.8	51.8	52.0	52.1	52.2	52.2	52.2	52.3	52.4
IV 16000	8.2	44.9	48.4	50.2	51.1	51.4	51.6	51.9	52.0	52.2	52.3	52.3	52.4	52.4	52.4	52.5
IV 14000	8.4	45.5	49.0	50.9	51.8	52.0	52.2	52.6	52.6	52.9	52.9	53.0	53.0	53.0	53.1	53.2
IV 12000	8.6	46.5	50.0	52.0	52.9	53.1	53.3	53.7	53.7	54.0	54.1	54.1	54.2	54.2	54.2	54.3
IV 10000	8.8	47.9	51.6	53.6	54.5	54.8	55.0	55.3	55.4	55.7	55.7	55.8	55.8	55.8	55.9	56.0
IV 9000	9.0	48.5	52.3	54.4	55.4	55.7	55.9	56.3	56.3	56.6	56.7	56.7	56.8	56.8	56.8	57.0
IV 8000	9.1	49.9	54.3	56.5	57.6	57.9	58.1	58.5	58.5	58.8	58.9	59.0	59.0	59.0	59.1	59.2
IV 7000	9.3	52.2	56.6	58.8	60.2	60.4	60.6	61.1	61.1	61.5	61.5	61.6	61.6	61.6	61.7	61.8
IV 6000	9.5	53.6	58.1	60.3	61.7	62.0	62.2	62.7	62.8	63.1	63.2	63.2	63.3	63.3	63.3	63.4
IV 5000	9.5	57.1	61.9	64.1	65.5	65.8	66.1	66.6	66.6	67.0	67.1	67.1	67.1	67.1	67.2	67.3
IV 4500	9.7	57.7	62.8	65.1	66.5	66.8	67.1	67.6	67.7	68.0	68.1	68.1	68.2	68.2	68.2	68.3
IV 4000	10.0	59.4	64.7	67.1	68.6	68.9	69.2	69.8	69.9	70.2	70.3	70.3	70.4	70.4	70.4	70.6
IV 3500	10.1	61.3	66.6	69.2	70.7	71.0	71.5	72.1	72.1	72.5	72.6	72.6	72.7	72.7	72.7	72.9
IV 3000	10.3	63.8	69.4	72.1	74.0	74.3	74.7	75.4	75.4	75.8	75.9	75.9	76.0	76.0	76.0	76.1
IV 2500	10.4	65.3	71.4	74.3	76.4	76.7	77.2	77.8	77.8	78.2	78.3	78.3	78.4	78.4	78.4	78.6
IV 2000	10.7	68.4	75.1	78.3	80.4	80.7	81.3	81.9	81.9	82.3	82.4	82.4	82.5	82.5	82.5	82.7
IV 1800	10.9	69.2	76.0	79.2	81.4	81.7	82.4	83.0	83.0	83.4	83.5	83.6	83.6	83.6	83.7	83.8
IV 1500	11.3	70.6	77.8	81.2	83.5	83.8	84.6	85.2	85.3	85.7	85.8	85.9	85.9	85.9	85.9	86.0
IV 1200	11.3	72.4	79.9	83.8	86.2	86.4	87.4	88.1	88.1	88.6	88.7	88.7	88.8	88.8	88.8	89.0
IV 1000	11.4	73.3	81.0	85.1	87.6	87.8	89.1	89.8	89.9	90.4	90.5	90.5	90.6	90.6	90.6	90.8
IV 900	11.5	73.8	81.8	86.0	88.6	89.0	90.2	91.0	91.0	91.6	91.7	91.7	91.9	91.9	91.9	92.0
IV 800	11.5	74.2	82.5	86.8	89.5	89.9	91.3	92.1	92.2	92.8	92.8	92.9	93.2	93.2	93.2	93.3
IV 700	11.5	74.6	83.2	87.7	90.7	91.1	92.6	93.5	93.5	94.1	94.2	94.3	94.6	94.6	94.6	94.7
IV 600	11.5	74.8	83.4	88.1	91.2	91.6	93.2	94.2	94.2	95.0	95.1	95.2	95.5	95.5	95.5	95.7
IV 500	11.5	75.0	83.6	88.6	91.8	92.3	93.8	94.9	94.9	95.9	96.1	96.2	96.5	96.6	96.7	96.8
IV 400	11.5	75.1	83.9	89.0	92.3	92.8	94.4	95.7	95.7	96.7	97.0	97.1	97.4	97.5	97.6	97.7
IV 300	11.5	75.1	84.0	89.1	92.8	93.2	94.9	96.3	96.5	97.8	98.3	98.4	98.8	98.9	99.1	99.3
IV 200	11.5	75.1	84.0	89.1	92.8	93.2	94.9	96.3	96.5	97.9	98.5	98.6	99.1	99.2	99.4	99.6
IV 100	11.5	75.1	84.0	89.1	92.8	93.2	94.9	96.3	96.5	97.9	98.5	98.6	99.2	99.2	99.5	99.8
IV 0	11.5	75.1	84.0	89.1	92.8	93.2	94.9	96.3	96.5	97.9	98.5	98.6	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2221



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

MAR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	7.5	29.8	33.3	35.5	37.9	38.5	39.4	39.8	39.8	40.2	40.2	40.2	40.4	40.4	40.5	40.6
IV 20000	9.0	33.5	37.6	40.2	42.7	43.4	44.4	44.8	44.8	45.2	45.2	45.2	45.4	45.4	45.5	45.6
IV 18000	9.7	33.6	37.6	40.2	42.7	43.4	44.4	44.9	44.9	45.2	45.2	45.3	45.4	45.4	45.5	45.6
IV 16000	9.7	33.6	37.6	40.2	42.7	43.4	44.4	44.9	44.9	45.2	45.2	45.3	45.4	45.4	45.5	45.6
IV 14000	9.1	34.0	38.1	40.8	43.4	44.0	45.1	45.6	45.6	45.9	46.0	46.0	46.1	46.1	46.2	46.3
IV 12000	9.5	35.4	39.8	42.5	45.0	45.8	46.9	47.4	47.4	47.7	47.8	47.8	47.9	47.9	48.0	48.1
IV 10000	9.6	37.1	41.8	44.7	47.2	47.9	49.0	49.6	49.6	49.9	50.0	50.0	50.1	50.1	50.2	50.3
IV 9000	9.8	38.2	43.1	46.1	48.6	49.4	50.5	51.1	51.1	51.5	51.6	51.6	51.7	51.7	51.8	51.9
IV 8000	9.9	40.0	44.9	48.3	51.0	51.9	53.0	53.6	53.6	54.0	54.1	54.1	54.3	54.3	54.4	54.5
IV 7000	10.2	42.0	47.0	50.7	53.6	54.5	55.7	56.4	56.4	56.9	57.0	57.0	57.2	57.2	57.4	57.5
IV 6000	10.3	43.0	48.3	52.1	55.0	55.9	57.2	57.9	57.9	58.4	58.5	58.5	58.7	58.7	58.9	58.9
IV 5000	10.4	44.8	50.6	54.5	57.5	58.4	59.7	60.4	60.4	60.9	61.0	61.0	61.2	61.2	61.4	61.5
IV 4500	10.5	45.3	51.1	55.3	58.3	59.2	60.5	61.2	61.2	61.8	61.9	61.9	62.1	62.1	62.2	62.3
IV 4000	10.7	47.4	53.5	57.7	61.7	61.7	63.0	63.8	63.8	64.4	64.5	64.5	64.7	64.7	64.8	64.9
IV 3500	10.9	48.6	55.1	59.4	62.5	63.5	64.8	65.7	65.7	66.4	66.5	66.5	66.7	66.7	66.8	66.9
IV 3000	11.1	50.5	57.7	62.3	65.4	66.7	68.4	69.3	69.3	69.9	70.0	70.0	70.3	70.3	70.4	70.5
IV 2500	11.4	52.3	60.3	65.2	68.5	69.8	71.6	72.5	72.5	73.2	73.3	73.3	73.5	73.5	73.7	73.8
IV 2000	11.9	56.0	63.9	69.4	72.9	74.4	76.4	77.4	77.5	78.3	78.4	78.4	78.7	78.7	78.8	79.0
IV 1800	12.0	56.8	64.8	70.7	74.2	75.8	77.9	79.0	79.0	79.8	79.9	79.9	80.2	80.2	80.4	80.5
IV 1500	12.3	58.2	66.7	72.7	76.7	78.4	80.5	81.7	81.7	82.6	82.7	82.7	83.1	83.1	83.2	83.3
IV 1200	12.5	59.8	68.9	75.2	79.7	81.6	84.0	85.4	85.4	86.3	86.5	86.5	86.9	86.9	87.1	87.2
IV 1000	12.6	60.5	69.7	76.5	81.1	83.1	85.7	87.1	87.2	88.2	88.4	88.5	88.8	88.8	89.0	89.1
IV 900	12.7	60.8	70.3	77.2	82.5	84.6	87.3	88.7	88.8	89.9	90.1	90.2	90.5	90.5	90.7	90.9
IV 800	12.7	61.2	70.8	77.9	83.4	85.7	88.4	89.9	90.0	91.1	91.2	91.4	91.8	91.8	92.0	92.1
IV 700	12.7	61.7	71.6	78.9	84.6	86.9	89.9	91.4	91.5	92.7	93.0	93.1	93.4	93.5	93.6	93.8
IV 600	12.7	61.9	71.8	79.2	85.0	87.3	90.6	92.2	92.3	93.6	93.9	94.0	94.4	94.4	94.6	94.7
IV 500	12.8	62.1	72.1	79.5	85.5	88.1	91.5	93.2	93.3	94.8	95.2	95.3	95.7	95.8	95.9	96.1
IV 400	12.8	62.1	72.2	79.7	85.8	88.7	92.2	94.1	94.1	95.9	96.3	96.4	97.0	97.0	97.2	97.4
IV 300	12.8	62.1	72.2	79.9	86.0	89.0	92.6	94.5	94.6	96.5	97.3	97.4	98.2	98.2	98.5	98.8
IV 200	12.8	62.1	72.2	79.9	86.0	89.0	92.6	94.5	94.6	96.5	97.5	97.6	98.6	98.8	99.2	99.5
IV 100	12.8	62.1	72.2	79.9	86.0	89.0	92.6	94.5	94.6	96.5	97.5	97.6	98.6	98.8	99.3	99.8
IV 0	12.8	62.1	72.2	79.9	86.0	89.0	92.6	94.5	94.6	96.5	97.6	97.7	98.6	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2219

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45, 51-72  
YEARS

MAR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.6	35.6	36.9	38.0	38.4	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 20000	17.7	41.6	43.2	44.4	45.0	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
WV 18000	17.7	41.6	43.2	44.4	45.0	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
WV 16000	17.8	41.7	43.3	44.5	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
WV 14000	17.9	42.2	43.8	45.0	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
WV 12000	18.4	44.0	45.8	47.2	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
WV 10000	19.0	46.1	48.1	49.6	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
WV 9000	19.3	47.3	49.4	50.9	51.6	51.7	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0
WV 8000	19.6	49.3	51.4	53.1	53.8	53.9	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
WV 7000	20.0	51.1	53.3	55.1	56.0	56.1	56.3	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5
WV 6000	20.1	51.7	53.9	55.9	56.8	56.9	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3
WV 5000	20.5	53.0	55.5	57.5	58.4	58.6	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
WV 4500	20.7	54.0	56.5	58.5	59.5	59.7	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2
WV 4000	21.2	56.0	58.6	60.8	61.9	62.2	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
WV 3500	21.7	57.8	60.6	63.0	64.2	64.4	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9
WV 3000	22.9	51.3	64.5	67.1	68.4	68.7	69.0	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
WV 2500	24.2	64.9	68.3	71.2	72.7	73.0	73.5	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9
WV 2000	25.0	68.6	72.2	75.2	76.9	77.2	77.8	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3
WV 1800	25.5	70.0	73.8	77.0	78.8	79.2	79.7	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3
WV 1500	26.0	72.1	76.5	80.0	82.0	82.5	83.3	83.4	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7
WV 1200	26.2	74.0	78.8	83.0	85.3	86.1	86.7	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.7	87.7
WV 1000	26.2	74.6	79.7	84.3	87.0	87.8	88.7	89.4	89.4	89.7	89.8	89.8	89.8	89.8	89.9	89.9
WV 900	26.3	75.1	80.5	85.4	88.2	89.2	90.2	90.9	91.0	91.3	91.4	91.4	91.4	91.4	91.5	91.5
WV 800	26.3	75.6	81.3	86.3	89.2	90.2	91.2	92.1	92.2	92.5	92.6	92.6	92.6	92.8	92.8	92.8
WV 700	26.3	76.2	81.9	87.2	90.3	91.5	92.6	93.5	93.6	94.1	94.3	94.4	94.5	94.5	94.6	94.6
WV 600	26.3	76.1	82.2	87.6	90.8	92.2	93.5	94.5	94.6	95.2	95.4	95.4	95.6	95.6	95.7	95.7
WV 500	26.3	76.2	82.4	87.8	91.2	92.6	94.1	95.3	95.4	96.2	96.5	96.6	96.8	96.8	96.8	96.8
WV 400	26.3	76.3	82.5	88.3	91.7	93.1	94.7	96.1	96.3	97.3	97.8	97.9	98.1	98.1	98.2	98.2
WV 300	26.3	76.4	82.6	88.4	91.9	93.4	95.3	96.8	96.9	98.1	98.6	98.9	99.3	99.4	99.5	99.5
WV 200	26.2	76.4	82.6	88.4	91.9	93.4	95.3	96.8	97.0	98.2	99.1	99.1	99.7	99.8	100.0	100.0
WV 100	26.3	76.4	82.6	88.4	91.9	93.4	95.3	96.8	97.0	98.2	99.1	99.1	99.7	99.8	100.0	100.0
WV 0	26.3	76.4	82.6	88.4	91.9	93.4	95.3	96.8	97.0	98.2	99.1	99.1	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2217

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 YEARS MAR MONTH 1200-1400 HOURS (LST)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.6	38.6	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 20000	25.5	46.4	46.7	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 18000	25.5	46.4	46.8	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
IV 16000	25.6	46.6	46.9	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 14000	25.8	47.2	47.7	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
IV 12000	26.2	48.4	49.0	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 10000	26.4	50.3	50.9	51.2	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 9000	27.1	51.3	52.1	52.3	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 8000	27.4	53.3	54.2	54.5	54.7	54.7	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 7000	28.0	55.2	56.3	56.7	57.0	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 6000	28.4	56.3	57.5	58.1	58.5	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 5000	29.1	57.7	59.0	59.9	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 4500	29.4	58.5	59.8	60.6	61.0	61.1	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 4000	30.6	61.2	62.6	63.6	64.1	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 3500	31.1	63.2	64.9	66.2	66.8	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 3000	32.9	68.1	70.1	71.6	72.2	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 2500	34.3	72.9	75.0	76.6	77.3	77.5	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 2000	35.1	77.0	79.4	81.2	82.0	82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 1800	35.3	78.5	81.3	83.2	84.2	84.7	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 1500	35.6	80.7	84.0	86.1	87.1	87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 1200	35.9	82.5	86.3	89.1	90.3	90.8	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 1000	35.9	83.1	87.1	90.1	91.7	92.3	93.1	93.1	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4
IV 900	36.0	83.3	87.6	90.6	92.4	93.1	94.0	94.1	94.1	94.4	94.4	94.4	94.4	94.5	94.5	94.5
IV 800	36.0	83.8	88.3	91.4	93.3	94.1	95.1	95.3	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8
IV 700	36.0	83.8	88.5	91.9	93.9	94.7	95.9	96.4	96.4	96.8	96.9	96.9	97.0	97.0	97.0	97.0
IV 600	36.3	83.9	88.6	92.1	94.2	95.1	96.4	96.9	96.9	97.5	97.6	97.6	97.7	97.7	97.7	97.7
IV 500	36.0	84.0	88.7	92.3	94.4	95.4	96.7	97.3	97.4	98.0	98.1	98.1	98.2	98.2	98.2	98.2
IV 400	26.0	84.0	88.9	92.5	94.7	95.9	97.2	97.9	98.0	98.7	98.9	98.9	99.0	99.0	99.0	99.0
IV 300	36.0	84.1	88.9	92.5	94.8	96.0	97.5	98.2	98.4	99.2	99.4	99.4	99.5	99.5	99.5	99.5
IV 200	36.0	84.0	88.9	92.5	94.8	96.0	97.6	98.3	98.5	99.3	99.5	99.5	99.8	99.9	100.0	100.0
IV 100	36.0	84.0	88.9	92.5	94.8	96.0	97.6	98.3	98.5	99.3	99.5	99.6	99.8	100.0	100.0	100.0
IV 0	36.0	84.0	88.9	92.5	94.8	96.0	97.6	98.3	98.5	99.3	99.5	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2222

DATA PROCESSING BR. CR.  
USAF ETAC  
AIR WEATHER SERVICE/NAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45, 51-72  
YEARS

MAR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.5	40.7	40.6	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
IV 20000	26.9	50.1	50.2	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IV 18000	27.0	50.5	50.6	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IV 16000	27.2	50.5	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
IV 14000	27.5	51.5	51.7	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 12000	28.2	52.7	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 10000	29.1	54.6	54.9	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 9000	29.2	55.0	56.2	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 8000	29.5	57.5	58.1	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 7000	30.2	59.4	60.1	60.9	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 6000	30.5	60.3	61.1	62.0	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 5000	31.2	62.5	63.5	64.7	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 4500	31.5	64.1	65.1	66.5	67.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 4000	32.5	66.7	67.8	69.2	69.9	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 3500	33.2	68.6	70.0	71.9	72.6	72.7	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 3000	34.9	73.8	75.5	77.4	78.3	78.3	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 2500	36.1	77.7	79.7	81.8	82.7	82.8	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 2000	36.8	81.2	83.5	85.8	87.2	87.3	87.9	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 1800	36.8	82.0	84.6	87.2	88.6	88.8	89.5	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1500	36.9	82.7	85.5	88.3	89.9	90.2	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.4	91.4	91.4
IV 1200	36.9	83.7	86.8	89.8	91.6	91.9	92.7	93.1	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3
IV 1000	36.9	84.1	87.6	90.6	92.5	93.1	93.9	94.3	94.3	94.5	94.5	94.5	94.5	94.6	94.6	94.6
IV 900	37.0	84.3	88.0	91.0	93.0	93.9	94.7	95.3	95.3	95.6	95.6	95.6	95.6	95.7	95.7	95.7
IV 800	37.0	84.5	88.2	91.3	93.4	94.4	95.4	96.0	96.0	96.4	96.5	96.5	96.5	96.6	96.6	96.6
IV 700	37.1	84.6	88.3	91.4	93.6	94.6	95.9	96.7	96.8	97.3	97.4	97.4	97.4	97.6	97.6	97.6
IV 600	37.1	84.6	88.4	91.6	93.8	95.0	96.4	97.3	97.3	98.0	98.2	98.2	98.2	98.3	98.4	98.4
IV 500	37.1	84.7	88.6	91.8	94.1	95.3	96.7	97.6	97.6	98.3	98.6	98.6	98.6	98.8	98.9	98.9
IV 400	37.1	84.7	88.6	91.9	94.3	95.5	97.1	98.1	98.2	98.3	98.9	99.2	99.2	99.5	99.5	99.5
IV 300	37.1	84.7	88.6	91.9	94.3	95.5	97.1	98.2	98.3	98.3	99.0	99.3	99.3	99.5	99.5	99.6
IV 200	37.1	84.7	88.6	91.9	94.3	95.5	97.2	98.3	98.4	99.1	99.5	99.5	99.5	99.8	99.9	99.9
IV 100	37.1	84.7	88.6	91.9	94.3	95.5	97.2	98.3	98.4	99.1	99.5	99.5	99.5	99.8	100.0	100.0
IV 0	37.1	84.7	88.6	91.9	94.3	95.5	97.2	98.3	98.4	99.1	99.5	99.5	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2220

DATA PROCESSOR: CBRCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

JUNT CAMP, ELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

MAR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	19.9	47.1	48.2	48.4	48.8	48.8	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	22.3	53.5	54.7	54.9	55.0	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 18000	22.3	53.6	54.8	55.0	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 16000	22.4	53.8	55.0	55.3	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 14000	22.4	54.0	55.6	55.8	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 12000	23.2	55.9	57.1	57.3	58.1	58.1	58.3	58.3	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 10000	23.9	57.9	59.3	59.5	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 9000	24.2	58.7	60.1	60.4	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 8000	24.3	60.6	62.6	63.0	63.7	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 7000	24.5	62.6	64.7	65.2	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 6000	24.7	63.6	65.9	66.4	67.5	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 5000	25.2	65.5	68.3	69.1	70.2	70.2	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 4500	25.4	66.8	69.6	70.7	71.8	71.8	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 4000	26.0	69.2	72.3	73.4	74.7	74.7	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 3500	26.2	71.3	74.6	75.9	77.2	77.3	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 3000	26.6	74.3	77.9	79.5	81.1	81.3	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 2500	26.9	76.7	80.6	82.5	84.1	84.4	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 2000	27.0	78.6	83.2	85.4	87.1	87.5	88.3	88.9	89.0	89.1	89.2	89.2	89.3	89.3	89.3	89.3
IV 1800	27.2	79.9	83.6	85.9	87.7	88.2	89.5	89.6	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.0
IV 1500	27.3	79.9	84.7	87.2	89.4	89.9	91.2	91.3	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7
IV 1200	27.3	80.6	85.7	88.5	90.9	91.5	93.0	93.1	93.2	93.3	93.4	93.4	93.5	93.5	93.5	93.5
IV 1000	27.3	80.9	86.1	89.0	91.6	92.3	94.0	94.1	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.6
IV 900	27.4	81.1	86.3	89.3	92.1	92.8	94.7	94.9	95.0	95.4	95.5	95.5	95.6	95.6	95.6	95.6
IV 800	27.4	81.1	86.5	89.7	92.5	93.3	95.4	95.5	95.7	96.1	96.3	96.3	96.4	96.4	96.4	96.4
IV 700	27.4	81.2	86.7	89.9	92.7	93.5	95.5	95.8	95.9	96.4	96.6	96.6	96.8	96.8	96.8	96.8
IV 600	27.4	81.4	86.9	90.3	93.3	94.1	96.5	96.8	97.0	97.6	97.7	97.7	98.0	98.1	98.1	98.1
IV 500	27.4	81.4	87.0	90.4	93.5	94.3	97.0	97.4	97.7	98.2	98.4	98.4	98.6	98.7	98.7	98.7
IV 400	27.4	81.4	87.0	90.5	93.7	94.5	97.3	97.8	98.1	98.7	98.9	98.9	99.2	99.2	99.2	99.2
IV 300	27.4	81.4	87.0	90.5	93.8	94.6	97.5	98.0	98.2	99.0	99.2	99.2	99.5	99.5	99.5	99.5
IV 200	27.4	81.4	87.0	90.6	93.8	94.7	97.6	98.1	98.3	99.1	99.4	99.4	99.8	99.8	99.8	99.8
IV 100	27.4	81.4	87.0	90.6	93.8	94.7	97.6	98.1	98.3	99.1	99.5	99.5	99.9	100.0	100.0	100.0
IV 0	27.4	81.4	87.0	90.6	93.8	94.7	97.6	98.1	98.3	99.1	99.5	99.5	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2220

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

MAR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS(EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	13.5	49.1	50.6	51.0	51.5	51.6	51.8	51.8	51.8	51.8	51.9	52.0	52.0	52.0	52.1	52.1
≥ 20000	15.7	54.1	55.6	56.1	56.7	56.8	57.0	57.0	57.0	57.3	57.3	57.4	57.4	57.4	57.5	57.6
IV 18000	15.7	54.1	55.6	56.1	56.7	56.8	57.0	57.0	57.0	57.3	57.3	57.4	57.4	57.4	57.5	57.6
IV 16000	15.7	54.2	55.8	56.2	56.9	56.9	57.1	57.2	57.2	57.4	57.5	57.5	57.6	57.6	57.7	57.7
IV 14000	15.7	54.7	56.3	56.7	57.3	57.4	57.6	57.7	57.7	57.9	58.0	58.0	58.1	58.1	58.2	58.2
IV 12000	15.6	55.5	57.1	57.6	58.3	58.3	58.5	58.6	58.6	58.8	58.9	58.9	59.0	59.0	59.1	59.1
IV 10000	15.9	57.3	59.0	59.6	60.3	60.4	60.6	60.6	60.6	60.8	60.9	61.0	61.0	61.0	61.1	61.1
IV 9000	16.1	58.1	59.9	60.6	61.3	61.4	61.6	61.6	61.6	61.9	61.9	62.0	62.0	62.0	62.1	62.2
IV 8000	15.7	50.2	62.1	62.8	63.6	63.7	63.9	64.0	64.0	64.2	64.3	64.3	64.4	64.4	64.5	64.5
IV 7000	17.1	62.7	64.7	65.4	66.2	66.3	66.6	66.6	66.6	66.9	67.0	67.0	67.0	67.0	67.1	67.2
IV 6000	17.2	64.5	66.5	67.3	68.2	68.3	68.5	68.6	68.6	68.8	68.9	68.9	69.0	69.0	69.1	69.1
IV 5000	17.4	67.1	69.7	70.6	71.7	71.8	72.1	72.2	72.2	72.4	72.5	72.5	72.6	72.6	72.7	72.7
IV 4500	17.0	68.1	70.9	71.8	72.9	73.1	73.5	73.5	73.5	73.8	73.9	73.9	73.9	73.9	74.0	74.1
IV 4000	17.9	69.7	73.0	74.0	75.2	75.4	75.8	75.9	75.9	76.1	76.2	76.2	76.3	76.3	76.4	76.4
IV 3500	18.0	71.6	75.1	76.3	77.6	77.9	78.3	78.4	78.4	78.6	78.7	78.6	78.8	78.8	78.9	78.9
IV 3000	18.3	73.9	77.8	79.5	80.9	81.2	81.7	81.8	81.8	82.1	82.1	82.2	82.2	82.2	82.3	82.4
IV 2500	18.4	75.4	79.9	81.8	83.3	83.7	84.4	84.5	84.5	84.7	84.8	84.9	84.9	84.9	85.0	85.0
IV 2000	18.6	77.7	82.7	84.7	86.4	86.8	87.7	87.8	87.8	88.1	88.2	88.2	88.3	88.3	88.4	88.5
IV 1800	18.7	78.1	83.4	85.5	87.3	87.7	88.6	88.7	88.7	89.0	89.1	89.1	89.3	89.3	89.4	89.5
IV 1500	18.8	78.7	84.2	86.7	88.6	89.0	89.9	90.0	90.0	90.4	90.5	90.6	90.8	90.8	90.9	91.0
IV 1200	18.8	79.8	85.4	88.2	90.3	90.7	91.7	91.8	91.8	92.2	92.4	92.5	92.7	92.7	92.8	92.9
IV 1000	18.8	80.2	85.9	88.8	91.1	91.5	92.5	92.7	92.7	93.1	93.2	93.3	93.5	93.5	93.6	93.7
IV 900	18.8	80.4	86.2	89.4	91.7	92.1	93.1	93.4	93.4	93.8	94.0	94.0	94.2	94.2	94.4	94.4
IV 800	18.9	80.6	86.5	89.7	92.2	92.7	94.0	94.3	94.4	94.8	95.1	95.2	95.5	95.5	95.6	95.7
IV 700	18.7	80.8	87.1	90.3	92.9	93.4	94.8	95.0	95.2	95.6	95.9	96.0	96.3	96.3	96.5	96.5
IV 600	18.7	81.1	87.5	90.9	93.5	94.0	95.7	96.0	96.1	96.6	96.9	97.0	97.3	97.3	97.5	97.6
IV 500	18.7	81.2	87.7	91.2	93.8	94.5	96.4	96.7	96.8	97.3	97.7	97.8	98.2	98.2	98.4	98.5
IV 400	18.9	81.2	87.7	91.3	94.2	94.9	97.2	97.4	97.6	98.1	98.6	98.6	99.1	99.1	99.3	99.3
IV 300	18.7	81.2	87.8	91.4	94.2	95.0	97.3	97.6	97.7	98.4	98.9	99.0	99.4	99.4	99.6	99.6
IV 200	18.9	81.2	87.8	91.4	94.2	95.0	97.4	97.7	97.9	98.6	99.0	99.1	99.5	99.5	99.7	99.8
IV 100	18.9	81.2	87.8	91.4	94.2	95.0	97.5	97.8	98.0	98.7	99.1	99.2	99.7	99.7	99.9	100.0
IV 0	18.9	81.2	87.8	91.4	94.2	95.0	97.5	97.8	98.0	98.7	99.1	99.2	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2218

DATA PROCESSING & CO.  
USAF ETAC  
AIR WEATHER SERVICE/ IAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,50-72  
YEARS

APR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	15.5	54.4	56.0	56.8	57.0	57.0	57.2	57.2	57.2	57.2	57.3	57.3	57.4	57.4	57.4	57.4
≥ 20000	16.5	59.9	61.8	62.9	63.2	63.2	63.4	63.4	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.6
IV 18000	16.6	59.9	61.9	63.0	63.3	63.3	63.5	63.5	63.5	63.6	63.6	63.6	63.7	63.7	63.7	63.7
IV 16000	16.6	59.9	61.9	63.0	63.3	63.3	63.5	63.5	63.5	63.6	63.6	63.6	63.7	63.7	63.7	63.7
IV 14000	16.9	60.7	62.7	63.8	64.1	64.1	64.3	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5
IV 12000	17.4	62.2	64.3	65.6	65.8	65.8	66.1	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3
IV 10000	17.7	64.4	66.5	67.8	68.1	68.1	68.3	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5
IV 9000	17.7	65.3	67.5	68.8	69.1	69.1	69.3	69.3	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5
IV 8000	18.1	67.6	70.0	71.3	71.6	71.6	71.8	71.8	71.8	71.8	71.9	71.9	72.0	72.0	72.0	72.0
IV 7000	18.3	71.0	73.4	74.7	74.9	74.9	75.1	75.1	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.4
IV 6000	19.4	73.3	75.8	77.2	77.4	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9
IV 5000	19.8	75.9	78.6	79.9	80.2	80.3	80.4	80.4	80.5	80.5	80.6	80.6	80.7	80.7	80.7	80.7
IV 4500	20.2	76.9	79.7	81.0	81.4	81.4	81.7	81.7	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9
IV 4000	20.5	78.9	82.0	83.4	83.7	83.7	84.0	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2
IV 3500	20.8	80.4	83.8	85.3	85.7	85.7	86.0	86.0	86.1	86.1	86.2	86.2	86.3	86.3	86.3	86.3
IV 3000	21.0	82.6	86.2	87.9	88.3	88.4	88.7	88.7	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.0
IV 2500	21.5	84.2	88.1	89.8	90.3	90.4	90.8	90.8	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.0
IV 2000	21.5	85.5	89.5	91.5	92.0	92.0	92.6	92.6	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9
IV 1800	21.5	85.7	89.8	91.8	92.3	92.4	93.0	93.0	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.3
IV 1500	21.5	85.3	90.6	92.6	93.2	93.3	93.9	94.0	94.0	94.1	94.1	94.2	94.3	94.3	94.3	94.3
IV 1200	21.6	87.8	92.4	94.4	95.0	95.2	95.8	96.0	96.0	96.1	96.1	96.2	96.3	96.3	96.3	96.3
IV 1000	21.6	88.2	93.0	95.0	95.7	95.9	96.5	96.7	96.7	96.8	96.8	96.8	97.0	97.0	97.0	97.0
IV 900	21.6	88.5	93.2	95.2	95.8	96.1	96.7	96.9	96.9	96.9	97.0	97.0	97.2	97.2	97.2	97.2
IV 800	21.6	88.9	93.7	95.8	96.5	96.7	97.4	97.5	97.5	97.6	97.6	97.7	97.8	97.8	97.8	97.8
IV 700	21.6	89.0	93.9	96.1	96.9	97.1	97.7	97.9	97.9	98.0	98.0	98.1	98.2	98.2	98.2	98.2
IV 600	21.6	89.1	94.0	96.3	97.3	97.5	98.2	98.3	98.4	98.4	98.5	98.5	98.7	98.7	98.7	98.7
IV 500	21.6	89.1	94.1	96.4	97.5	97.8	98.5	98.7	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.0
IV 400	21.6	89.1	94.2	96.6	97.7	97.9	98.7	98.8	98.9	99.0	99.0	99.1	99.2	99.3	99.3	99.3
IV 300	21.6	89.1	94.3	96.6	97.8	98.0	98.8	99.0	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4
IV 200	21.6	89.1	94.3	96.6	97.8	98.1	98.9	99.0	99.2	99.3	99.3	99.4	99.5	99.6	99.6	99.6
IV 100	21.6	89.1	94.3	96.6	97.9	98.1	98.9	99.1	99.2	99.3	99.4	99.4	99.6	99.6	99.7	99.8
IV 0	21.6	89.1	94.3	96.6	97.9	98.1	98.9	99.1	99.2	99.3	99.4	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2163

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAO

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,50-72  
YEARS

APR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.5	46.8	48.8	50.0	50.7	50.8	51.2	51.2	51.2	51.4	51.5	51.5	51.7	51.7	51.8	51.9
IV 20000	13.3	52.9	55.1	56.5	57.4	57.5	57.9	58.2	58.0	58.2	58.4	58.4	58.5	58.6	58.6	58.7
IV 18000	13.6	53.0	55.2	56.6	57.5	57.6	58.0	58.1	58.1	58.3	58.4	58.4	58.6	58.6	58.6	58.8
IV 16000	13.6	53.0	55.2	56.6	57.5	57.6	58.0	58.1	58.1	58.3	58.4	58.4	58.6	58.6	58.7	58.8
IV 14000	13.7	53.4	55.6	57.0	57.9	58.0	58.4	58.6	58.6	58.7	58.9	58.9	59.0	59.1	59.2	59.3
IV 12000	14.0	55.0	57.9	59.3	60.4	60.5	60.9	61.1	61.1	61.2	61.4	61.4	61.5	61.6	61.7	61.8
IV 10000	15.2	58.6	61.1	62.6	63.6	63.7	64.2	64.3	64.3	64.5	64.6	64.6	64.8	64.8	64.9	65.0
IV 9000	15.3	59.9	62.3	64.0	65.0	65.1	65.5	65.7	65.7	65.9	66.0	66.0	66.1	66.2	66.3	66.4
IV 8000	15.6	62.2	64.6	66.5	67.6	67.7	68.2	68.3	68.3	68.5	68.6	68.6	68.8	68.8	68.9	69.1
IV 7000	15.9	65.2	68.1	69.8	70.9	71.0	71.5	71.6	71.6	71.8	72.0	72.0	72.1	72.2	72.2	72.4
IV 6000	16.2	67.6	70.6	72.3	73.5	73.5	74.1	74.3	74.3	74.5	74.6	74.6	74.7	74.8	74.9	75.0
IV 5000	16.9	70.7	74.1	75.9	77.2	77.2	77.8	78.0	78.0	78.2	78.3	78.3	78.4	78.5	78.6	78.7
IV 4500	17.1	71.6	75.2	77.2	78.4	78.5	79.1	79.2	79.2	79.4	79.6	79.6	79.7	79.7	79.8	80.0
IV 4000	17.0	73.2	76.9	79.0	80.2	80.3	80.9	81.1	81.1	81.3	81.5	81.5	81.6	81.6	81.7	81.9
IV 3500	17.9	74.5	78.3	80.6	82.0	82.1	82.8	83.0	83.0	83.2	83.3	83.3	83.4	83.5	83.6	83.7
IV 3000	18.1	76.3	80.4	82.9	84.4	84.6	85.2	85.4	85.4	85.6	85.7	85.8	85.9	85.9	86.0	86.2
IV 2500	18.1	77.5	81.7	84.4	86.0	86.2	86.9	87.0	87.0	87.2	87.4	87.4	87.5	87.6	87.7	87.8
IV 2000	18.2	79.7	84.0	86.9	88.7	88.9	89.7	89.9	89.9	90.2	90.3	90.3	90.5	90.5	90.6	90.7
IV 1800	18.4	81.1	84.4	87.3	89.1	89.3	90.1	90.3	90.3	90.6	90.7	90.7	90.9	90.9	91.0	91.2
IV 1500	18.4	81.2	85.7	88.6	90.5	90.7	91.6	91.8	91.8	92.0	92.2	92.2	92.3	92.4	92.5	92.6
IV 1200	18.5	82.2	86.8	89.8	91.9	92.2	93.1	93.3	93.3	93.6	93.7	93.7	93.8	93.9	94.0	94.1
IV 1000	18.5	82.4	87.6	90.6	92.7	93.1	94.0	94.2	94.2	94.5	94.6	94.6	94.8	94.8	94.9	95.1
IV 900	18.5	83.2	88.0	91.1	93.3	93.6	94.6	94.8	94.8	95.1	95.2	95.2	95.4	95.4	95.5	95.7
IV 800	18.5	83.3	88.2	91.4	93.6	93.9	95.0	95.1	95.1	95.4	95.6	95.6	95.7	95.7	95.8	96.0
IV 700	18.5	83.4	88.6	91.9	94.3	94.6	95.6	95.8	95.8	96.1	96.2	96.2	96.3	96.4	96.5	96.6
IV 600	18.5	83.8	89.1	92.6	95.0	95.3	96.4	96.6	96.6	96.9	97.0	97.0	97.2	97.2	97.3	97.5
IV 500	18.5	84.1	89.5	93.0	95.7	96.0	97.1	97.3	97.3	97.6	97.8	97.8	97.9	98.0	98.1	98.2
IV 400	18.5	84.2	89.5	93.0	95.8	96.1	97.3	97.7	97.7	98.0	98.1	98.1	98.3	98.3	98.4	98.6
IV 300	18.5	84.4	89.7	93.3	96.1	96.4	97.9	98.2	98.2	98.6	98.8	98.8	98.9	98.9	99.0	99.2
IV 200	18.5	84.0	89.7	93.3	96.1	96.4	97.9	98.2	98.2	98.6	98.8	98.8	98.9	99.0	99.2	99.3
IV 100	18.5	84.0	89.7	93.3	96.1	96.4	97.9	98.2	98.2	98.6	98.8	98.8	98.9	99.1	99.3	99.7
IV 0	18.5	84.0	89.7	93.3	96.1	96.4	97.9	98.2	98.2	98.6	98.8	98.8	98.9	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2162



DATA PROCESSING  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FLEET CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,50-72  
YEARS

APR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	15.1	40.3	42.5	43.9	44.8	45.0	45.4	45.4	45.5	45.7	45.7	45.7	45.8	45.8	45.9	46.1
≥ 18000	17.1	46.7	49.4	51.0	52.1	52.4	52.9	53.1	53.1	53.3	53.4	53.4	53.4	53.5	53.5	53.8
≥ 16000	17.2	47.0	49.7	51.3	52.4	52.7	53.2	53.4	53.4	53.6	53.6	53.6	53.7	53.8	53.8	54.1
≥ 14000	17.6	47.9	50.5	52.1	53.3	53.5	54.0	54.2	54.2	54.4	54.5	54.5	54.6	54.6	54.6	54.9
≥ 12000	18.0	48.2	52.1	53.9	55.0	55.2	55.8	55.9	55.9	56.2	56.2	56.2	56.3	56.4	56.4	56.7
≥ 10000	18.9	52.0	55.1	57.0	58.1	58.4	59.0	59.2	59.3	59.5	59.5	59.5	59.6	59.7	59.7	60.0
≥ 8000	19.3	53.5	56.6	58.7	59.8	60.2	60.8	60.9	61.0	61.3	61.3	61.3	61.4	61.5	61.5	61.8
≥ 6000	20.1	56.3	59.5	61.6	62.8	63.3	64.0	64.2	64.3	64.6	64.7	64.7	64.8	64.9	64.9	65.2
≥ 5000	20.7	58.5	62.1	64.4	65.7	66.2	67.0	67.2	67.3	67.6	67.7	67.7	67.9	67.9	68.0	68.2
≥ 4500	21.1	60.1	64.0	66.3	67.7	68.2	69.1	69.3	69.4	69.7	69.8	69.9	70.0	70.0	70.1	70.4
≥ 4000	21.6	62.9	67.1	69.8	71.3	72.0	72.9	73.2	73.3	73.6	73.7	73.7	73.9	73.9	74.0	74.2
≥ 3500	21.8	63.6	68.0	70.9	72.5	73.1	74.1	74.4	74.5	74.8	74.9	75.0	75.1	75.2	75.2	75.5
≥ 3000	22.3	65.4	69.9	72.8	74.5	75.2	76.2	76.6	76.7	77.0	77.1	77.2	77.3	77.3	77.4	77.7
≥ 2500	22.7	66.8	71.8	74.7	76.5	77.2	78.3	78.6	78.7	79.1	79.1	79.2	79.3	79.4	79.4	79.7
≥ 2000	23.4	69.4	74.6	77.6	79.5	80.2	81.4	81.7	81.8	82.2	82.2	82.3	82.4	82.5	82.5	82.8
≥ 1800	23.6	71.3	76.6	79.8	81.8	82.6	83.9	84.3	84.4	84.8	84.9	85.0	85.1	85.2	85.2	85.5
≥ 1500	24.1	73.3	78.7	82.1	84.2	85.0	86.3	86.7	86.8	87.2	87.3	87.4	87.5	87.6	87.6	87.9
≥ 1200	24.2	74.0	79.5	82.9	85.0	85.9	87.2	87.6	87.7	88.2	88.3	88.3	88.4	88.5	88.5	88.8
≥ 1000	24.4	75.1	80.9	84.4	86.7	87.6	89.0	89.4	89.5	89.9	90.0	90.1	90.2	90.2	90.3	90.6
≥ 900	24.5	76.2	82.1	86.2	88.8	89.6	91.0	91.4	91.5	92.0	92.1	92.2	92.3	92.4	92.4	92.7
≥ 800	24.7	77.0	83.0	87.1	89.9	90.8	92.5	92.9	93.1	93.6	93.7	93.7	93.9	93.9	93.9	94.2
≥ 700	24.8	77.2	83.3	87.4	90.3	91.2	93.0	93.4	93.6	94.1	94.2	94.2	94.4	94.5	94.5	94.8
≥ 600	25.1	77.6	83.8	87.9	91.1	92.1	93.9	94.4	94.5	95.1	95.1	95.2	95.4	95.4	95.5	95.7
≥ 500	25.3	77.9	84.4	88.6	91.8	92.9	94.7	95.2	95.4	95.9	96.0	96.0	96.2	96.3	96.3	96.6
≥ 400	25.4	78.4	85.3	89.8	93.1	94.3	96.3	96.9	97.3	97.8	97.9	97.9	98.1	98.2	98.2	98.5
≥ 300	25.1	78.5	85.5	90.1	93.5	94.7	96.9	97.7	98.2	98.8	99.0	99.0	99.2	99.4	99.5	99.9
≥ 200	25.1	78.5	85.5	90.1	93.5	94.7	96.9	97.7	98.2	98.8	99.0	99.0	99.2	99.4	99.5	99.9
≥ 100	25.1	78.5	85.5	90.1	93.5	94.7	96.9	97.7	98.2	98.8	99.0	99.0	99.2	99.4	99.5	100.0
≥ 0	25.1	78.5	85.5	90.1	93.5	94.7	96.9	97.7	98.2	98.8	99.0	99.0	99.2	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2163

DATA FROM CROSSING REPORT  
USAF ETAC  
AIR WEATHER SERVICE/PAAC

# CEILING VERSUS VISIBILITY

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF STATION NAME 44-45,50-72 YEARS APR MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	25.3	42.2	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 20000	23.5	49.1	49.7	50.2	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 13000	20.7	49.2	49.9	50.2	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 16000	20.8	49.5	50.1	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
IV 14000	29.2	50.1	50.7	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
IV 12000	30.7	52.7	52.7	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 10000	31.2	55.4	56.2	56.6	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 9000	31.5	56.5	57.4	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 8000	32.7	59.5	60.8	61.3	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 7000	33.2	61.6	63.1	63.6	63.9	63.9	63.9	64.2	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 6000	33.5	62.7	64.3	64.9	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 5000	34.3	64.8	66.5	67.3	67.6	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 4500	34.6	65.6	67.4	68.1	68.4	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 4000	36.7	68.0	69.8	70.6	71.0	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 3500	37.1	70.3	72.2	73.0	73.4	73.7	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 3000	39.1	75.2	77.3	78.2	78.8	79.1	79.1	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4
IV 2500	40.7	79.2	81.5	82.5	83.2	83.6	83.7	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1
IV 2000	41.7	82.5	84.8	85.9	86.9	87.2	87.4	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
IV 1800	42.4	83.7	86.2	87.4	88.4	88.7	88.9	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4
IV 1500	42.7	85.3	87.9	89.1	90.3	90.7	90.9	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
IV 1200	43.3	87.2	90.4	91.8	93.2	93.6	93.9	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5
IV 1000	43.5	88.2	91.4	93.0	94.4	94.9	95.4	95.8	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1
IV 900	43.5	88.3	91.6	93.3	94.9	95.5	96.0	96.4	96.5	96.5	96.6	96.6	96.7	96.7	96.7	96.7
IV 800	43.5	88.6	92.0	93.8	95.5	96.1	96.7	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4
IV 700	43.5	88.9	92.5	94.5	96.2	96.8	97.5	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 600	43.5	89.0	92.6	94.7	96.4	97.1	97.9	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 500	43.5	89.2	92.8	95.0	96.7	97.5	98.4	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
IV 400	43.5	89.3	93.0	95.1	96.9	97.6	98.6	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7
IV 300	43.5	89.3	93.0	95.2	96.9	97.7	98.8	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV 200	43.5	89.3	93.0	95.2	96.9	97.7	98.8	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	43.5	89.3	93.0	95.2	96.9	97.7	98.8	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	43.5	89.3	93.0	95.2	96.9	97.7	98.8	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2161

DATA PROCESSING ON  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FMPT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,50-72  
YEARS

APR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS(IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	26.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 20000	31.7	49.2	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
IV 18000	31.4	49.4	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
IV 16000	32.1	49.6	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 14000	32.5	50.2	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 12000	33.5	52.2	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
IV 10000	34.1	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 9000	35.1	55.8	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 8000	36.4	59.1	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 7000	37.2	61.2	62.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 6000	37.9	62.8	63.8	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 5000	38.5	64.4	65.5	65.8	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 4500	39.6	65.8	66.9	67.2	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 4000	41.2	70.2	71.4	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 3500	43.5	74.5	75.8	76.4	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 3000	47.2	81.2	82.7	83.3	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 2500	47.1	85.1	86.5	87.2	87.7	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 2000	50.4	88.7	90.4	91.1	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 1800	50.7	89.4	91.5	92.1	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1500	51.1	90.4	92.4	93.2	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1200	51.3	91.4	93.5	94.5	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1000	51.4	91.6	93.7	94.8	95.9	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
IV 900	51.4	91.7	93.8	95.0	96.2	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
IV 800	51.4	91.9	94.0	95.3	96.7	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
IV 700	51.4	92.2	94.4	95.7	97.2	97.7	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6
IV 600	51.4	92.3	94.6	95.9	97.5	98.0	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0
IV 500	51.4	92.4	94.8	96.2	97.8	98.3	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6
IV 400	51.4	92.4	94.8	96.2	97.8	98.3	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.8
IV 300	51.4	92.4	94.8	96.2	97.9	98.4	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.9
IV 200	51.4	92.4	94.8	96.3	97.9	98.4	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0
IV 100	51.4	92.4	94.8	96.3	97.9	98.4	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0
IV 0	51.4	92.4	94.8	96.3	97.9	98.4	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2161

DATA PROCESSOR C-  
USAF ETAC  
AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

13600  
STATION

PLT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,50-72  
YEARS

APR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	27.1 54.5	42.2 54.2	42.4 54.5	42.4 54.5	42.4 54.5	42.4 54.5	42.4 54.5	42.4 54.5	42.4 54.5	42.4 54.5	42.4 54.5	42.4 54.5	42.4 54.5	42.4 54.5	42.4 54.5	42.4 54.5
IV 18000	34.4 54.5	54.2 54.6	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9
IV 16000	34.4 54.5	54.2 54.6	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9
IV 14000	34.4 54.5	54.2 54.6	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9
IV 12000	34.4 54.5	54.2 54.6	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9	54.6 54.9
IV 10000	37.5 59.6	59.6 60.0	60.0 60.0	60.0 60.1	60.1 60.1	60.1 60.1	60.1 60.1	60.1 60.1	60.1 60.1	60.1 60.1	60.1 60.1	60.1 60.1	60.1 60.1	60.1 60.1	60.1 60.1	60.1 60.1
IV 9000	38.3 60.4	60.4 61.0	61.0 61.0	61.0 61.2	61.2 61.2	61.2 61.2	61.2 61.2	61.2 61.2	61.2 61.2	61.2 61.2	61.2 61.2	61.2 61.2	61.2 61.2	61.2 61.2	61.2 61.2	61.2 61.2
IV 8000	39.5 63.9	63.9 64.6	64.6 64.6	64.6 64.7	64.7 64.7	64.7 64.8	64.8 64.8	64.8 64.8	64.8 64.8	64.8 64.8	64.8 64.8	64.8 64.8	64.8 64.8	64.8 64.8	64.8 64.8	64.8 64.8
IV 7000	40.1 66.9	66.9 67.6	67.6 67.6	67.6 67.8	67.8 67.8	67.8 67.9	67.9 67.9	67.9 67.9	67.9 67.9	67.9 67.9	67.9 67.9	67.9 67.9	67.9 67.9	67.9 67.9	67.9 67.9	67.9 67.9
IV 6000	40.8 68.5	68.5 69.3	69.3 69.3	69.3 69.5	69.5 69.5	69.5 69.6	69.6 69.6	69.6 69.6	69.6 69.6	69.6 69.6	69.6 69.6	69.6 69.6	69.6 69.6	69.6 69.6	69.6 69.6	69.6 69.6
IV 5000	41.9 71.1	71.1 72.1	72.1 72.1	72.1 72.2	72.2 72.4	72.4 72.6	72.6 72.6	72.6 72.6	72.6 72.6	72.6 72.6	72.6 72.6	72.6 72.6	72.6 72.6	72.6 72.6	72.6 72.6	72.6 72.6
IV 4500	43.3 73.4	73.4 74.3	74.3 74.4	74.4 74.6	74.6 74.8	74.8 74.9	74.9 74.9	74.9 74.9	74.9 74.9	74.9 74.9	74.9 74.9	74.9 74.9	74.9 74.9	74.9 74.9	74.9 74.9	74.9 74.9
IV 4000	45.6 77.6	77.6 78.7	78.7 78.9	78.9 79.1	79.1 79.3	79.3 79.5	79.5 79.5	79.5 79.5	79.5 79.5	79.5 79.5	79.5 79.5	79.5 79.5	79.5 79.5	79.5 79.5	79.5 79.5	79.5 79.5
IV 3500	46.9 81.8	81.8 82.0	82.0 82.3	82.3 82.5	82.5 82.7	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7
IV 3000	48.3 84.9	84.9 86.4	86.4 86.7	86.7 87.2	87.2 87.4	87.4 87.7	87.7 87.7	87.7 87.7	87.7 87.7	87.7 87.7	87.7 87.7	87.7 87.7	87.7 87.7	87.7 87.7	87.7 87.7	87.7 87.7
IV 2500	50.3 88.1	88.1 90.0	90.0 90.5	90.5 91.0	91.0 91.3	91.3 91.5	91.5 91.5	91.5 91.5	91.5 91.5	91.5 91.5	91.5 91.5	91.5 91.5	91.5 91.5	91.5 91.5	91.5 91.5	91.5 91.5
IV 2000	50.3 89.9	89.9 92.0	92.0 92.6	92.6 93.3	93.3 93.6	93.6 93.9	93.9 94.0	94.0 94.0	94.0 94.0	94.0 94.0	94.0 94.0	94.0 94.0	94.0 94.0	94.0 94.0	94.0 94.0	94.0 94.0
IV 1800	51.2 90.5	90.5 92.7	92.7 93.4	93.4 94.1	94.1 94.4	94.4 94.8	94.8 94.9	94.9 94.9	94.9 94.9	94.9 94.9	94.9 94.9	94.9 94.9	94.9 94.9	94.9 94.9	94.9 94.9	94.9 94.9
IV 1500	51.7 91.5	91.5 93.9	93.9 94.7	94.7 95.5	95.5 95.8	95.8 96.3	96.3 96.3	96.3 96.3	96.3 96.4	96.4 96.4	96.4 96.4	96.4 96.4	96.4 96.4	96.4 96.4	96.4 96.4	96.4 96.4
IV 1200	51.8 91.9	91.9 94.5	94.5 95.4	95.4 96.2	96.2 96.6	96.6 97.1	97.1 97.2	97.2 97.2	97.2 97.3	97.3 97.3	97.3 97.3	97.3 97.3	97.3 97.3	97.3 97.3	97.3 97.3	97.3 97.3
IV 1000	51.7 92.1	92.1 94.7	94.7 95.7	95.7 96.5	96.5 97.0	97.0 97.7	97.7 97.7	97.7 97.8	97.8 97.8	97.8 97.9	97.9 97.9	97.9 97.9	97.9 97.9	97.9 97.9	97.9 97.9	97.9 97.9
IV 900	51.7 92.1	92.1 94.9	94.9 95.9	95.9 96.8	96.8 97.4	97.4 98.1	98.1 98.2	98.2 98.2	98.2 98.3	98.3 98.3	98.3 98.3	98.3 98.3	98.3 98.3	98.3 98.3	98.3 98.3	98.3 98.3
IV 800	52.1 92.3	92.3 95.2	95.2 96.3	96.3 97.3	97.3 97.9	97.9 98.7	98.7 98.9	98.9 98.9	98.9 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0	99.0 99.0
IV 700	52.3 92.3	92.3 95.3	95.3 96.4	96.4 97.4	97.4 98.0	98.0 98.8	98.8 99.1	99.1 99.2	99.2 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3
IV 600	52.3 92.3	92.3 95.3	95.3 96.4	96.4 97.5	97.5 98.1	98.1 99.0	99.0 99.3	99.3 99.3	99.3 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4
IV 500	52.3 92.3	92.3 95.3	95.3 96.5	96.5 97.5	97.5 98.2	98.2 99.2	99.2 99.5	99.5 99.5	99.5 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
IV 400	52.3 92.3	92.3 95.3	95.3 96.5	96.5 97.6	97.6 98.2	98.2 99.3	99.3 99.6	99.6 99.6	99.6 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8
IV 300	52.3 92.3	92.3 95.3	95.3 96.5	96.5 97.7	97.7 98.3	98.3 99.4	99.4 99.7	99.7 99.8	99.8 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 200	52.3 92.3	92.3 95.3	95.3 96.5	96.5 97.7	97.7 98.3	98.3 99.4	99.4 99.7	99.7 99.8	99.8 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100	52.3 92.3	92.3 95.3	95.3 96.5	96.5 97.7	97.7 98.3	98.3 99.4	99.4 99.7	99.7 99.8	99.8 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 0	52.3 92.3	92.3 95.3	95.3 96.5	96.5 97.7	97.7 98.3	98.3 99.4	99.4 99.7	99.7 99.8	99.8 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 2163

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

138C6  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,50-72  
YEARS

APR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.7	48.1	48.4	48.5	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 20000	30.2	58.9	59.4	59.6	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 18000	30.4	59.2	59.7	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 16000	30.5	59.5	60.1	60.3	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 14000	31.5	61.2	61.8	62.0	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 12000	32.9	63.7	64.4	64.7	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 10000	33.8	65.3	66.0	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 9000	34.8	68.4	69.2	69.5	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 8000	35.3	70.8	71.9	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 7000	36.4	73.6	74.9	75.3	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 6000	37.5	76.5	78.1	78.5	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 5000	37.8	78.0	79.7	80.2	80.4	80.5	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 4500	38.7	81.4	83.5	84.2	84.7	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 4000	39.3	83.1	85.3	86.0	86.6	86.7	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 3500	40.3	85.7	88.2	89.2	89.9	90.0	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 3000	40.8	87.1	89.9	91.1	91.9	92.1	92.4	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2500	41.1	88.4	91.5	93.0	93.9	94.2	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 2000	41.4	89.1	92.6	94.3	95.1	95.5	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1800	41.4	89.4	93.0	94.7	95.7	96.2	96.6	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1600	41.4	89.7	93.4	95.1	96.3	96.8	97.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1400	41.4	89.9	93.6	95.3	96.6	97.2	97.7	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1200	41.4	89.9	93.7	95.5	97.0	97.7	98.2	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1000	41.4	90.0	93.7	95.6	97.1	97.9	98.4	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	41.4	90.0	93.8	95.6	97.2	98.0	98.6	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	41.4	90.0	93.8	95.6	97.2	98.0	98.6	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	41.4	90.0	93.8	95.6	97.2	98.0	98.6	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	41.4	90.0	93.8	95.6	97.2	98.0	98.6	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	41.4	90.0	93.8	95.6	97.2	98.0	98.6	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	41.4	90.0	93.8	95.6	97.2	98.0	98.6	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	41.4	90.0	93.8	95.6	97.2	98.0	98.6	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200	41.4	90.0	93.8	95.6	97.2	98.0	98.6	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	41.4	90.0	93.8	95.6	97.2	98.0	98.6	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 0	41.4	90.0	93.8	95.6	97.2	98.0	98.6	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 2158

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,50-72  
YEARS

APR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	19.5	53.7	54.8	55.2	55.3	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 20000	21.8	60.7	62.0	62.6	62.6	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 18000	21.9	60.8	62.1	62.6	62.7	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 16000	21.9	60.8	62.2	62.6	62.8	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 14000	22.5	61.1	62.5	62.9	63.1	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 12000	22.8	62.9	64.3	64.9	65.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 10000	23.2	65.2	66.9	67.5	67.6	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 9000	23.6	66.6	68.1	68.8	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 8000	24.2	69.5	71.2	71.9	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 7000	24.5	71.8	73.5	74.3	74.4	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 6000	25.7	74.9	76.7	77.6	77.7	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 5000	26.2	77.9	80.2	81.2	81.4	81.6	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4500	26.4	79.2	81.8	82.8	83.0	83.3	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 4000	26.9	82.7	84.7	85.9	86.2	86.5	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 3500	27.2	83.4	86.5	87.9	88.2	88.4	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 3000	27.6	85.1	88.5	90.1	90.5	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 2500	27.9	86.0	89.6	91.2	91.9	92.1	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2000	28.1	87.2	91.0	92.6	93.3	93.6	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1800	28.1	87.7	91.4	93.2	93.9	94.2	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1500	28.2	87.9	92.0	93.5	94.7	95.0	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1200	28.2	88.6	92.9	94.8	95.6	96.0	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8
IV 1000	28.2	89.0	93.3	95.4	96.3	96.8	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6
IV 900	28.2	89.1	93.6	95.8	96.8	97.3	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 800	28.2	89.3	93.8	96.1	97.2	97.7	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7
IV 700	28.2	89.3	93.9	96.2	97.4	97.9	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 600	28.2	89.4	94.0	96.4	97.6	98.2	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1
IV 500	28.2	89.4	94.0	96.4	97.9	98.4	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
IV 400	28.2	89.4	94.0	96.5	97.9	98.6	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
IV 300	28.2	89.4	94.0	96.5	97.9	98.6	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
IV 200	28.2	89.4	94.0	96.5	97.9	98.6	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	28.2	89.4	94.0	96.5	97.9	98.6	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	28.2	89.4	94.0	96.5	97.9	98.6	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2163

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

13806 FORT CAMPBELL KY/CAMPBELL AAF

44-45,51-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	17.0	61.2	63.6	64.6	65.2	65.2	65.7	65.8	65.8	66.1	66.2	66.2	66.4	66.4	66.6	66.9
IV 20000	18.2	65.8	68.2	69.3	69.9	69.9	70.4	70.6	70.6	70.8	70.9	70.9	71.2	71.2	71.3	71.6
IV 18000	18.2	65.8	68.2	69.3	69.9	69.9	70.4	70.6	70.6	70.8	70.9	70.9	71.2	71.2	71.3	71.6
IV 16000	18.2	65.8	68.2	69.3	69.9	69.9	70.4	70.6	70.6	70.8	70.9	70.9	71.2	71.2	71.3	71.6
IV 14000	18.5	66.3	68.8	69.8	70.4	70.5	70.9	71.1	71.1	71.4	71.5	71.5	71.7	71.7	71.9	72.2
IV 12000	18.9	68.3	71.0	71.9	72.6	72.7	73.1	73.3	73.3	73.6	73.8	73.8	74.0	74.0	74.2	74.5
IV 10000	19.1	70.4	73.2	74.1	74.8	74.9	75.3	75.5	75.5	75.9	76.0	76.0	76.2	76.2	76.5	76.8
IV 9000	19.4	71.6	74.3	75.2	76.1	76.1	76.6	76.7	76.7	77.1	77.2	77.2	77.5	77.5	77.7	78.0
IV 8000	19.8	73.8	76.6	77.6	78.4	78.4	78.8	79.0	79.0	79.4	79.6	79.6	79.8	79.8	80.0	80.3
IV 7000	19.9	74.9	77.9	79.1	79.8	79.9	80.3	80.5	80.5	80.9	81.1	81.1	81.3	81.3	81.5	81.9
IV 6000	20.3	76.0	79.1	80.3	81.0	81.1	81.5	81.7	81.7	82.1	82.2	82.2	82.4	82.5	82.7	83.1
IV 5000	20.3	78.6	81.8	83.1	84.0	84.2	84.6	84.8	84.8	85.2	85.4	85.4	85.6	85.7	85.9	86.3
IV 4500	20.4	79.6	82.9	84.4	85.5	85.7	86.1	86.3	86.3	86.8	86.9	86.9	87.2	87.2	87.4	87.8
IV 4000	20.7	81.4	85.2	86.9	87.9	88.2	88.6	88.8	88.8	89.2	89.4	89.4	89.6	89.7	89.9	90.3
IV 3500	20.9	82.2	86.2	87.9	89.1	89.3	89.7	89.9	89.9	90.4	90.5	90.5	90.8	90.8	91.0	91.4
IV 3000	21.0	83.1	87.4	89.2	90.4	90.7	91.1	91.3	91.3	91.8	91.9	91.9	92.2	92.2	92.4	92.8
IV 2500	21.1	83.8	88.2	90.2	91.4	91.7	92.2	92.4	92.4	92.8	93.0	93.0	93.2	93.3	93.5	93.9
IV 2000	21.1	84.2	89.0	91.1	92.5	92.8	93.2	93.4	93.4	93.9	94.0	94.1	94.3	94.3	94.6	94.9
IV 1800	21.1	84.3	89.1	91.2	92.7	92.9	93.4	93.6	93.6	94.1	94.2	94.2	94.5	94.5	94.7	95.1
IV 1500	21.1	84.9	89.6	91.9	93.3	93.6	94.1	94.3	94.3	94.7	94.9	94.9	95.1	95.2	95.4	95.8
IV 1200	21.2	85.3	90.3	92.5	94.1	94.4	94.9	95.1	95.1	95.7	95.8	95.9	96.1	96.1	96.4	96.7
IV 1000	21.2	85.4	90.4	92.8	94.3	94.6	95.2	95.4	95.4	95.9	96.1	96.1	96.4	96.4	96.6	97.0
IV 900	21.2	85.5	90.5	92.9	94.4	94.7	95.3	95.5	95.5	96.0	96.2	96.2	96.4	96.5	96.7	97.1
IV 800	21.2	85.6	90.5	93.0	94.6	95.0	95.5	95.7	95.7	96.3	96.4	96.4	96.7	96.7	96.9	97.3
IV 700	21.2	85.6	90.6	93.2	94.8	95.1	95.7	95.9	95.9	96.4	96.7	96.8	97.0	97.0	97.3	97.6
IV 600	21.2	85.7	90.9	93.4	95.0	95.3	95.9	96.2	96.2	96.7	97.0	97.0	97.3	97.3	97.5	97.9
IV 500	21.2	85.8	91.0	93.7	95.4	95.7	96.4	96.6	96.6	97.1	97.4	97.4	97.7	97.7	97.9	98.3
IV 400	21.2	85.9	91.1	93.9	95.7	96.2	96.8	97.1	97.1	97.7	97.9	98.0	98.2	98.2	98.5	98.8
IV 300	21.2	86.0	91.2	94.1	96.0	96.5	97.2	97.5	97.6	98.2	98.5	98.5	98.7	98.8	99.0	99.4
IV 200	21.2	86.0	91.2	94.2	96.1	96.6	97.3	97.6	97.7	98.3	98.6	98.7	98.9	99.0	99.3	99.6
IV 100	21.2	86.0	91.2	94.2	96.1	96.6	97.3	97.6	97.7	98.4	98.7	98.7	99.0	99.1	99.4	99.8
IV 0	21.2	86.0	91.2	94.2	96.1	96.6	97.3	97.6	97.7	98.4	98.7	98.7	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2222

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

MAY  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.1	48.9	53.1	55.2	56.7	56.9	57.7	57.8	57.9	58.2	58.5	58.6	58.6	58.7	59.0	59.6
IV 2000	12.5	55.7	60.2	62.4	64.2	64.3	65.3	65.5	65.6	65.9	66.2	66.3	66.4	66.5	66.8	67.4
IV 1800	12.5	55.8	60.2	62.4	64.2	64.4	65.3	65.6	65.6	66.0	66.3	66.4	66.5	66.5	66.9	67.5
IV 1600	12.5	55.8	60.3	62.5	64.3	64.4	65.4	65.6	65.6	66.0	66.3	66.4	66.5	66.6	66.9	67.6
IV 1400	12.5	56.2	60.6	62.8	64.6	64.8	65.7	66.0	66.0	66.4	66.7	66.8	66.9	67.0	67.3	67.9
IV 1200	13.3	57.7	62.4	64.6	66.5	66.7	67.6	67.8	67.9	68.3	68.6	68.7	68.8	68.9	69.2	69.9
IV 1000	13.7	60.3	65.3	67.6	69.6	69.9	70.9	71.1	71.2	71.6	71.9	72.0	72.1	72.2	72.5	73.1
IV 900	13.9	61.0	66.1	68.3	70.4	70.7	71.6	71.9	71.9	72.4	72.7	72.8	72.9	73.0	73.3	74.0
IV 800	14.5	64.0	69.3	71.8	74.0	74.2	75.2	75.5	75.5	76.0	76.3	76.4	76.5	76.6	76.9	77.6
IV 700	14.7	65.6	71.3	73.9	76.1	76.4	77.3	77.6	77.7	78.2	78.5	78.6	78.7	78.8	79.1	79.7
IV 600	15.3	66.5	72.3	74.9	77.2	77.5	78.4	78.8	78.8	79.3	79.6	79.7	79.8	79.9	80.2	80.9
IV 500	15.3	68.8	74.9	77.7	80.0	80.3	81.3	81.6	81.7	82.2	82.5	82.6	82.7	82.8	83.1	83.7
IV 450	15.8	69.5	75.7	78.4	80.8	81.1	82.1	82.5	82.5	83.0	83.3	83.4	83.5	83.6	83.9	84.6
IV 400	16.0	70.9	77.3	80.3	82.9	83.3	84.3	84.7	84.7	85.3	85.6	85.7	85.8	85.9	86.2	86.8
IV 3500	16.1	71.4	78.0	81.0	83.7	84.0	85.1	85.5	85.5	86.1	86.4	86.5	86.6	86.7	87.0	87.7
IV 3000	16.2	72.4	79.0	82.0	84.7	85.2	86.3	86.7	86.7	87.2	87.6	87.7	87.7	87.8	88.1	88.8
IV 2500	16.4	73.6	80.5	83.8	86.6	87.1	88.2	88.6	88.7	89.2	89.5	89.6	89.7	89.8	90.1	90.8
IV 2000	16.5	74.4	81.4	84.8	87.7	88.1	89.3	89.7	89.8	90.3	90.6	90.7	90.8	90.9	91.2	91.9
IV 1800	16.6	74.6	81.8	85.1	88.1	88.5	89.7	90.1	90.2	90.7	91.0	91.1	91.2	91.3	91.6	92.3
IV 1500	16.7	74.8	82.2	85.5	88.5	89.0	90.3	90.7	90.7	91.2	91.6	91.6	91.7	91.8	92.1	92.8
IV 1200	16.7	75.2	82.8	86.3	89.3	89.8	91.1	91.5	91.6	92.1	92.4	92.5	92.6	92.7	93.0	93.7
IV 1000	16.7	75.6	83.2	86.8	89.8	90.3	91.6	92.1	92.1	92.7	93.0	93.1	93.2	93.3	93.6	94.3
IV 900	16.7	75.7	83.5	87.2	90.2	90.7	92.1	92.6	92.6	93.2	93.5	93.6	93.7	93.8	94.1	94.7
IV 800	16.7	75.8	83.7	87.4	90.6	91.1	92.5	93.1	93.2	93.8	94.1	94.2	94.3	94.3	94.7	95.3
IV 700	16.7	76.0	84.0	87.7	91.0	91.6	93.1	93.7	93.8	94.3	94.7	94.8	94.9	95.0	95.3	96.0
IV 600	16.7	76.0	84.1	88.1	91.5	92.1	93.7	94.4	94.5	95.1	95.4	95.5	95.6	95.7	96.0	96.7
IV 500	16.7	76.3	84.5	88.8	92.2	93.0	94.6	95.3	95.4	96.1	96.5	96.5	96.6	96.7	97.0	97.7
IV 400	16.7	76.4	84.7	89.2	92.8	93.6	95.3	96.1	96.2	96.9	97.3	97.4	97.4	97.5	97.8	98.5
IV 300	16.7	76.4	84.7	89.2	92.8	93.7	95.5	95.3	96.4	97.1	97.6	97.7	97.8	98.0	98.3	99.0
IV 200	16.7	76.4	84.7	89.2	92.8	93.8	95.6	96.5	96.5	97.4	97.8	98.0	98.2	98.3	98.7	99.6
IV 100	16.7	76.4	84.7	89.2	92.8	93.8	95.6	96.5	96.5	97.4	97.8	98.0	98.2	98.4	98.8	99.7
IV 0	16.7	76.4	84.7	89.2	92.8	93.8	95.6	96.5	96.5	97.4	97.3	98.0	98.3	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2227



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

MAY  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.8	45.3	47.8	49.4	50.0	50.3	50.5	50.7	50.7	50.8	50.8	50.9	50.9	51.0	51.0	51.1
IV 20000	22.8	55.1	58.3	60.2	61.2	61.5	62.0	62.3	62.3	62.4	62.4	62.5	62.5	62.6	62.7	62.8
IV 18000	22.9	55.2	58.4	60.3	61.3	61.6	62.0	62.4	62.4	62.4	62.5	62.6	62.6	62.7	62.8	62.9
IV 16000	23.2	55.5	58.7	60.6	61.7	62.0	62.4	62.7	62.7	62.8	62.9	62.9	63.0	63.1	63.1	63.2
IV 14000	23.6	56.2	59.4	61.4	62.4	62.7	63.1	63.4	63.4	63.5	63.6	63.7	63.7	63.8	63.8	63.9
IV 12000	24.1	58.6	62.0	64.1	65.2	65.6	66.0	66.3	66.3	66.4	66.5	66.5	66.6	66.7	66.7	66.8
IV 10000	24.9	61.4	65.0	67.2	68.4	68.6	69.2	69.5	69.5	69.6	69.7	69.7	69.8	69.9	69.9	70.0
IV 9000	25.2	62.7	66.4	68.6	69.7	70.1	70.5	70.8	70.8	71.0	71.0	71.1	71.1	71.2	71.3	71.4
IV 8000	25.8	65.0	68.8	71.2	72.4	72.9	73.3	73.6	73.6	73.8	73.8	73.9	73.9	74.0	74.1	74.2
IV 7000	26.5	67.3	71.4	74.1	75.4	75.9	76.3	76.6	76.6	76.7	76.8	76.9	76.9	77.0	77.0	77.1
IV 6000	26.7	68.4	72.8	75.5	76.9	77.4	77.8	78.1	78.1	78.2	78.3	78.3	78.4	78.5	78.5	78.6
IV 5000	27.3	70.7	75.2	78.2	79.6	80.2	80.6	80.9	80.9	81.0	81.1	81.2	81.2	81.3	81.4	81.4
IV 4500	27.5	71.5	76.0	79.2	80.8	81.4	81.8	82.1	82.1	82.2	82.3	82.4	82.4	82.5	82.5	82.6
IV 4000	27.8	73.0	77.8	81.1	82.8	83.4	83.8	84.3	84.3	84.4	84.5	84.6	84.6	84.7	84.7	84.8
IV 3500	28.2	74.1	78.8	82.2	83.9	84.5	84.9	85.4	85.4	85.5	85.5	85.6	85.7	85.8	85.8	85.9
IV 3000	28.5	75.1	79.9	83.5	85.3	86.0	86.4	86.8	86.8	86.9	87.0	87.1	87.1	87.2	87.3	87.3
IV 2500	28.7	75.9	80.8	84.4	86.4	87.0	87.4	87.9	87.9	88.1	88.2	88.2	88.3	88.4	88.4	88.5
IV 2000	28.9	76.7	81.6	85.5	87.6	88.3	88.7	89.1	89.1	89.5	89.5	89.6	89.6	89.7	89.8	89.9
IV 1800	28.9	77.1	82.0	86.0	88.1	88.8	89.2	89.7	89.7	90.0	90.1	90.2	90.2	90.3	90.4	90.5
IV 1500	29.0	77.6	82.7	86.9	89.0	89.8	90.2	90.7	90.7	91.0	91.1	91.2	91.3	91.4	91.4	91.5
IV 1200	29.1	78.6	84.1	88.4	90.6	91.4	91.9	92.4	92.4	92.7	92.8	92.9	92.9	93.0	93.1	93.2
IV 1000	29.2	79.1	84.7	89.2	91.5	92.4	92.8	93.4	93.4	93.7	93.8	93.9	93.9	94.0	94.1	94.1
IV 900	29.2	79.3	85.1	89.6	91.9	92.8	93.3	93.9	93.9	94.2	94.3	94.4	94.5	94.6	94.6	94.7
IV 800	29.3	79.8	85.6	90.1	92.5	93.5	94.2	94.9	94.9	95.2	95.4	95.5	95.5	95.6	95.7	95.8
IV 700	29.3	80.1	86.0	90.6	93.0	94.0	94.8	95.4	95.4	95.8	95.9	96.0	96.1	96.2	96.3	96.4
IV 600	29.4	80.2	86.2	91.0	93.4	94.4	95.2	95.9	95.9	96.3	96.4	96.5	96.6	96.7	96.8	96.8
IV 500	29.4	80.5	86.4	91.4	93.9	94.9	95.9	96.8	96.8	97.2	97.3	97.4	97.5	97.6	97.7	97.7
IV 400	29.4	80.5	86.5	91.4	94.2	95.2	96.5	97.6	97.7	98.1	98.2	98.3	98.6	98.6	98.7	98.8
IV 300	29.4	80.5	86.5	91.4	94.3	95.5	96.8	97.9	98.1	98.7	99.0	99.1	99.3	99.5	99.5	99.6
IV 200	29.4	80.6	86.5	91.5	94.3	95.5	96.9	98.0	98.2	98.9	99.1	99.3	99.5	99.6	99.8	99.9
IV 100	29.4	80.6	86.5	91.5	94.3	95.5	96.9	98.0	98.2	98.9	99.1	99.3	99.5	99.7	99.8	100.0
IV 0	29.4	80.6	86.5	91.5	94.3	95.5	96.9	98.0	98.2	98.9	99.1	99.3	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2221

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

MAY  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.4	49.0	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	32.6	59.2	59.7	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 18000	32.6	59.2	59.7	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 16000	32.7	59.3	59.8	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 14000	33.4	60.4	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 12000	34.5	62.7	63.2	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 10000	35.4	64.9	65.5	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 9000	35.9	66.1	66.8	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 8000	36.7	68.4	69.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 7000	37.3	69.7	70.5	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 6000	37.7	70.5	71.3	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 5000	38.5	72.2	73.2	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 4500	39.1	73.4	74.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 4000	40.4	75.9	77.2	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 3500	41.3	77.6	78.9	79.9	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 3000	43.1	80.6	82.1	83.3	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 2500	44.5	83.0	84.7	86.0	86.4	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 2000	45.8	85.9	87.7	89.1	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 1800	45.9	86.4	88.3	89.7	90.2	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1500	46.4	87.6	89.5	91.2	91.7	91.9	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 1200	46.6	89.0	91.3	93.2	93.9	94.1	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1000	46.8	89.7	92.0	93.9	94.6	94.8	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3
IV 900	47.0	90.3	92.7	94.5	95.3	95.5	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0
IV 800	47.0	90.7	93.1	95.1	96.0	96.3	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0
IV 700	47.1	91.1	93.6	95.7	96.7	97.0	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9
IV 600	47.1	91.2	93.8	96.1	97.2	97.6	97.9	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 500	47.1	91.3	94.0	96.4	97.6	98.0	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.1	99.1
IV 400	47.1	91.4	94.1	96.5	97.8	98.3	98.8	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	47.1	91.4	94.1	96.6	97.8	98.4	98.9	99.3	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 200	47.1	91.4	94.1	96.6	97.8	98.4	98.9	99.3	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	47.1	91.4	94.1	96.6	97.8	98.4	98.9	99.3	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	47.1	91.4	94.1	96.6	97.8	98.4	98.9	99.3	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2220

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.2	43.8	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
IV 20000	31.1	54.1	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 18000	31.2	54.2	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 16000	31.3	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 14000	31.7	55.1	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 12000	32.9	57.0	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 10000	33.7	59.4	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 9000	34.0	59.9	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 8000	34.8	62.2	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV 7000	35.4	63.3	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 6000	35.8	64.3	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 5000	36.8	66.5	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 4500	38.0	68.2	68.7	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 4000	40.7	72.4	73.1	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 3500	43.8	77.0	77.7	78.5	78.7	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 3000	46.0	82.3	83.2	84.0	84.2	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 2500	49.7	86.6	87.7	88.6	88.9	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 2000	50.6	89.7	91.2	92.3	92.8	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1800	50.9	90.2	91.8	92.9	93.4	93.6	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1500	51.2	91.4	93.1	94.3	94.8	95.0	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 1200	51.4	92.4	94.4	95.7	96.2	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1000	51.5	92.8	94.8	96.2	96.8	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 900	51.6	93.0	95.2	96.6	97.3	97.5	97.6	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 800	51.7	93.1	95.3	96.7	97.4	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 700	51.7	93.4	95.7	97.2	98.0	98.2	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	51.8	93.6	96.0	97.6	98.5	98.8	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	51.8	93.6	96.0	97.7	98.6	98.9	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	51.8	93.6	96.0	97.7	98.7	99.0	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 300	51.8	93.6	96.0	97.7	98.7	99.0	99.5	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	51.8	93.6	96.0	97.7	98.7	99.0	99.5	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	51.8	93.6	96.0	97.7	98.7	99.0	99.5	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	51.1	93.6	96.0	97.7	98.7	99.0	99.5	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2222

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

MAY  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS(IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	26.3 34.2	45.9 59.1	46.5 59.8	46.5 59.8	46.5 59.9	46.5 59.9	46.5 59.9	46.5 59.9	46.5 59.9	46.5 59.9	46.5 59.9	46.5 59.9	46.5 59.9	46.5 59.9	46.5 59.9	46.5 59.9
IV 18000 IV 16000	34.3 34.5	59.3 59.4	59.9 60.1	59.9 60.1	60.0 60.1	60.0 60.1	60.0 60.1	60.0 60.1	60.0 60.1	60.0 60.1	60.0 60.1	60.0 60.1	60.0 60.1	60.0 60.1	60.0 60.1	60.0 60.1
IV 14000 IV 12000	34.5 36.3	60.1 62.1	60.8 62.8	60.8 62.8	60.8 63.0	60.8 63.0	60.8 63.0	60.8 63.0	60.8 63.0	60.8 63.0	60.8 63.0	60.8 63.0	60.8 63.0	60.8 63.0	60.8 63.0	60.8 63.0
IV 10000 IV 9000	38.0 38.4	66.0 66.8	66.7 67.6	66.9 67.8	67.0 67.9	67.0 67.9	67.0 67.9	67.1 68.0	67.1 68.0	67.1 68.0	67.1 68.0	67.1 68.0	67.1 68.0	67.1 68.0	67.1 68.0	67.1 68.0
IV 8000 IV 7000	39.3 40.4	68.9 71.2	69.7 72.1	69.9 72.5	70.1 72.6	70.1 72.6	70.1 72.6	70.1 72.7	70.1 72.7	70.1 72.7	70.1 72.7	70.1 72.7	70.1 72.7	70.1 72.7	70.1 72.7	70.1 72.7
IV 6000 IV 5000	40.7 41.8	72.1 74.3	73.0 75.3	73.4 75.7	73.6 75.9	73.6 75.9	73.6 76.0	73.7 76.0	73.7 76.0	73.7 76.0	73.7 76.0	73.7 76.0	73.7 76.0	73.7 76.0	73.7 76.0	73.7 76.0
IV 4500 IV 4000	43.2 45.5	76.2 80.1	77.2 81.2	77.8 81.9	78.0 82.1	78.0 82.3	78.1 82.3	78.1 82.4	78.1 82.4	78.1 82.4	78.1 82.4	78.1 82.4	78.1 82.4	78.1 82.4	78.1 82.4	78.1 82.4
IV 3500 IV 3000	47.3 49.2	83.1 86.5	84.3 87.9	85.1 88.9	85.3 89.3	85.5 89.5	85.5 89.6	85.6 89.6	85.6 89.6	85.6 89.7	85.6 89.7	85.6 89.7	85.6 89.7	85.6 89.7	85.6 89.7	85.6 89.7
IV 2500 IV 2000	50.9 51.4	89.5 91.0	91.2 92.9	92.4 94.1	92.9 94.7	93.2 95.0	93.2 95.0	93.3 95.2	93.3 95.2	93.5 95.4	93.5 95.4	93.5 95.4	93.5 95.4	93.5 95.4	93.5 95.4	93.5 95.4
IV 1800 IV 1500	51.6 51.7	91.4 91.8	93.4 93.8	94.6 95.0	95.1 95.6	95.4 95.9	95.5 96.0	95.6 96.1	95.6 96.1	95.9 96.4	95.9 96.4	95.9 96.4	95.9 96.4	95.9 96.4	95.9 96.4	95.9 96.4
IV 1200 IV 1000	51.8 51.8	92.3 92.6	94.4 94.7	95.7 96.0	96.4 96.8	96.7 97.0	96.8 97.2	96.9 97.3	96.9 97.3	97.2 97.6	97.2 97.6	97.2 97.6	97.2 97.6	97.2 97.6	97.2 97.6	97.2 97.6
IV 900 IV 800	51.9 51.9	92.6 92.7	94.7 94.9	96.0 96.4	96.8 97.2	97.1 97.5	97.3 97.8	97.5 98.0	97.5 98.0	97.8 98.4	97.8 98.4	97.8 98.4	97.8 98.4	97.8 98.4	97.8 98.4	97.8 98.4
IV 700 IV 600	51.9 51.9	92.7 92.7	95.1 95.2	96.7 96.8	97.6 97.7	98.0 98.2	98.3 98.5	98.5 98.7	98.5 98.7	98.9 99.2	98.9 99.2	98.9 99.2	98.9 99.2	98.9 99.2	98.9 99.2	98.9 99.2
IV 500 IV 400	51.9 51.9	92.9 93.0	95.5 95.5	97.2 97.3	98.1 98.2	98.5 98.6	98.9 99.0	99.2 99.4	99.2 99.4	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9
IV 300 IV 200	51.9 51.9	93.0 93.0	95.5 95.5	97.3 97.3	98.2 98.2	98.6 98.6	99.1 99.1	99.5 99.5	99.5 99.5	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 100 IV 0	51.9 51.9	93.0 93.0	95.5 95.5	97.3 97.3	98.2 98.2	98.6 98.6	99.1 99.1	99.5 99.5	99.5 99.5	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9

TOTAL NUMBER OF OBSERVATIONS 2222

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF STATION NAME 44-45,51-72 YEARS MAY MONTH 1800-2000 HOURS (EST)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	27.2	54.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 20000	33.5	67.0	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 18000	33.5	67.1	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 16000	33.5	67.2	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 14000	34.0	67.9	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 12000	34.9	69.4	70.6	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 10000	37.0	73.5	74.8	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 9000	37.5	74.6	75.9	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 8000	38.5	77.5	79.1	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 7000	39.4	79.6	81.3	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
IV 6000	39.7	80.7	82.4	83.3	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 5000	40.2	82.7	84.8	85.8	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 4500	40.7	84.0	86.2	87.2	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4000	41.2	86.0	88.3	89.6	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 3500	41.5	86.9	89.2	90.6	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 3000	42.1	88.6	91.1	92.7	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2500	42.4	89.6	92.5	94.1	94.8	94.8	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 2000	42.4	90.1	93.0	94.8	95.6	95.7	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1800	42.4	90.2	93.1	94.9	95.8	95.9	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1500	42.5	90.6	93.6	95.4	96.3	96.5	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1200	42.5	90.7	93.8	95.7	96.6	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1000	42.5	90.8	94.1	96.2	97.2	97.4	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 900	42.6	90.9	94.1	96.4	97.3	97.6	97.9	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 800	42.6	91.0	94.4	96.6	97.7	98.0	98.2	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	42.7	91.1	94.5	96.7	97.9	98.2	98.5	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	42.7	91.1	94.5	96.7	98.0	98.2	98.7	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	42.7	91.1	94.6	96.8	98.1	98.4	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	42.7	91.1	94.6	96.8	98.2	98.4	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	42.7	91.1	94.6	96.9	98.2	98.4	99.0	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	42.7	91.1	94.6	96.9	98.2	98.4	99.0	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	42.7	91.1	94.6	96.9	98.2	98.4	99.0	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	42.7	91.1	94.6	96.9	98.2	98.4	99.0	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2221

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FURT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

MAY  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS, STJ

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	21.7	62.7	64.5	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.7	65.7	65.7
IV 20000	23.8	68.1	70.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.6	71.6	71.6
IV 18000	23.8	68.1	70.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.6	71.6	71.6
IV 16000	23.8	68.1	70.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.6	71.6	71.6
IV 14000	24.0	68.5	70.6	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0
IV 12000	24.6	69.7	72.0	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4
IV 10000	25.8	72.6	74.9	76.0	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4
IV 9000	26.3	74.1	76.5	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.2	78.2	78.2
IV 8000	27.0	77.2	79.6	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.5	81.5
IV 7000	27.3	78.9	81.5	82.9	83.1	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.6	83.6
IV 6000	27.9	80.2	82.9	84.3	84.5	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.9	85.0	85.1	85.1
IV 5000	28.1	82.2	85.2	86.7	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.5	87.6	87.7	87.7
IV 4500	28.1	83.3	86.4	87.9	88.3	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.7	88.8	88.9	88.9
IV 4000	28.4	85.3	88.6	90.3	90.8	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.5	91.5
IV 3500	28.4	86.4	89.9	91.6	92.1	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.8	92.9	92.9
IV 3000	28.6	87.5	91.3	93.1	93.7	93.8	94.0	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.5	94.5
IV 2500	28.7	88.0	91.9	93.7	94.3	94.5	94.6	94.8	94.8	94.9	94.9	94.9	95.0	95.1	95.2	95.2
IV 2000	28.8	88.6	92.7	94.7	95.4	95.7	95.9	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.5	96.5
IV 1800	28.8	88.6	92.7	94.7	95.5	95.8	95.9	96.1	96.1	96.3	96.3	96.3	96.3	96.4	96.5	96.5
IV 1500	28.8	88.7	92.8	94.8	95.6	96.0	96.2	96.4	96.4	96.5	96.5	96.5	96.6	96.7	96.8	96.8
IV 1200	28.8	89.0	93.4	95.6	96.4	96.8	97.0	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.7	97.7
IV 1000	28.9	89.3	93.7	96.1	97.0	97.4	97.7	97.8	97.8	98.1	98.1	98.1	98.2	98.2	98.3	98.3
IV 900	28.9	89.3	93.8	96.2	97.1	97.5	97.7	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.4	98.4
IV 800	28.9	89.5	94.0	96.4	97.3	97.8	98.1	98.2	98.2	98.5	98.5	98.5	98.6	98.6	98.7	98.7
IV 700	28.9	89.6	94.1	96.5	97.4	97.9	98.2	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.9	98.9
IV 600	28.9	89.6	94.1	96.5	97.4	98.0	98.2	98.5	98.5	98.7	98.8	98.8	98.9	98.9	99.1	99.1
IV 500	28.9	89.7	94.3	96.7	97.6	98.1	98.4	98.7	98.7	99.0	99.1	99.1	99.2	99.2	99.4	99.4
IV 400	28.9	89.8	94.4	96.8	97.7	98.3	98.6	99.0	99.0	99.3	99.4	99.4	99.5	99.5	99.6	99.6
IV 300	28.9	89.8	94.4	96.8	97.8	98.4	98.7	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.8	99.8
IV 200	28.9	89.8	94.4	96.8	97.8	98.5	98.8	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.9	99.9
IV 100	28.9	89.8	94.4	96.8	97.8	98.5	98.8	99.2	99.2	99.5	99.5	99.5	99.7	99.7	100.0	100.0
IV 0	28.9	89.8	94.4	96.8	97.8	98.5	98.8	99.2	99.2	99.5	99.5	99.5	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2217

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45, 50-72  
YEARS

JUN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.1	64.4	69.0	70.9	71.5	71.5	71.9	72.1	72.1	72.2	72.3	72.3	72.4	72.4	72.5	72.7
≥ 20000	21.6	70.0	75.2	77.1	77.8	77.9	78.3	78.4	78.4	78.5	78.7	78.7	78.8	78.8	78.9	79.0
IV 18000	21.6	70.0	75.2	77.1	77.8	77.9	78.3	78.4	78.4	78.5	78.7	78.7	78.8	78.8	78.9	79.0
IV 16000	21.6	70.0	75.2	77.2	77.9	77.9	78.3	78.5	78.5	78.6	78.7	78.7	78.8	78.8	78.9	79.1
IV 14000	21.8	70.5	75.6	77.7	78.4	78.4	78.9	79.0	79.0	79.1	79.2	79.2	79.3	79.3	79.4	79.6
IV 12000	22.5	72.2	77.6	79.7	80.4	80.5	80.9	81.0	81.0	81.1	81.3	81.3	81.3	81.3	81.4	81.6
IV 10000	22.8	4.3	80.1	82.3	83.0	83.1	83.5	83.6	83.6	83.7	83.8	83.8	83.9	83.9	84.0	84.2
IV 9000	22.8	75.2	81.0	83.1	83.9	83.9	84.3	84.5	84.5	84.6	84.7	84.7	84.8	84.8	84.9	85.1
IV 8000	23.2	76.8	82.7	84.9	85.6	85.6	86.1	86.2	86.2	86.3	86.5	86.5	86.6	86.6	86.7	86.8
IV 7000	23.4	78.0	83.9	86.1	86.8	86.8	87.3	87.4	87.4	87.5	87.7	87.7	87.8	87.8	87.9	88.0
IV 6000	23.5	78.5	84.5	86.7	87.4	87.4	87.9	88.0	88.0	88.1	88.3	88.3	88.4	88.4	88.5	88.6
IV 5000	23.6	79.5	85.7	88.1	88.9	89.0	89.4	89.6	89.6	89.7	89.8	89.9	89.9	89.9	90.0	90.2
IV 4500	23.6	80.6	86.8	89.2	90.0	90.1	90.6	90.8	90.8	90.9	91.0	91.0	91.1	91.1	91.2	91.4
IV 4000	23.7	81.8	88.1	90.7	91.5	91.6	92.1	92.3	92.3	92.4	92.6	92.6	92.7	92.7	92.8	92.9
IV 3500	23.7	82.1	88.5	91.1	92.0	92.1	92.6	92.8	92.8	92.9	93.1	93.1	93.2	93.2	93.3	93.4
IV 3000	24.0	83.5	90.0	92.8	93.6	93.7	94.2	94.5	94.5	94.6	94.7	94.7	94.8	94.8	94.9	95.1
IV 2500	24.2	84.0	90.7	93.4	94.4	94.6	95.0	95.3	95.3	95.4	95.6	95.6	95.7	95.7	95.8	95.9
IV 2000	24.2	84.3	91.1	94.0	95.0	95.2	95.6	95.9	95.9	96.0	96.2	96.2	96.3	96.3	96.4	96.5
IV 1800	24.2	84.3	91.2	94.1	95.1	95.2	95.7	96.0	96.0	96.1	96.3	96.3	96.4	96.4	96.4	96.6
IV 1500	24.2	84.6	91.5	94.5	95.5	95.7	96.2	96.5	96.5	96.6	96.7	96.7	96.8	96.8	96.9	97.1
IV 1200	24.2	84.7	91.6	94.6	95.7	95.8	96.4	96.7	96.7	96.8	96.9	96.9	97.0	97.0	97.1	97.3
IV 1000	24.2	84.9	91.9	95.0	96.2	96.4	96.9	97.2	97.2	97.3	97.4	97.4	97.5	97.5	97.6	97.8
IV 900	24.2	84.9	91.9	95.1	96.3	96.4	97.0	97.3	97.3	97.4	97.5	97.5	97.6	97.6	97.7	97.9
IV 800	24.2	85.0	92.2	95.4	96.6	96.8	97.3	97.6	97.6	97.7	97.9	97.9	98.0	98.0	98.1	98.2
IV 700	24.2	85.2	92.5	95.6	96.9	97.1	97.6	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.4	98.6
IV 600	24.2	85.3	92.7	95.8	97.1	97.4	97.9	98.2	98.2	98.3	98.5	98.5	98.6	98.6	98.7	98.8
IV 500	24.2	85.3	92.7	95.8	97.1	97.4	97.9	98.2	98.2	98.3	98.5	98.5	98.6	98.6	98.7	98.8
IV 400	24.2	85.3	92.7	95.9	97.4	97.6	98.2	98.5	98.5	98.6	98.8	98.8	98.9	98.9	99.0	99.2
IV 300	24.2	85.4	92.8	96.0	97.5	97.7	98.2	98.6	98.7	98.8	98.9	98.9	99.1	99.1	99.2	99.4
IV 200	24.2	85.4	92.8	96.0	97.5	97.7	98.4	98.8	98.8	98.9	99.1	99.1	99.2	99.2	99.3	99.6
IV 100	24.2	85.4	92.8	96.0	97.5	97.7	98.4	98.8	98.8	98.9	99.1	99.1	99.3	99.3	99.4	99.6
IV 0	24.2	85.4	92.8	96.0	97.5	97.7	98.4	98.8	98.8	98.9	99.1	99.1	99.3	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2166

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45, 50-72  
YEARS

JUN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	14.7	49.1	54.7	58.1	60.4	61.3	62.2	62.7	62.7	63.3	63.6	63.6	64.0	64.0	64.3	64.6
≥ 20000	16.4	55.3	61.8	65.6	68.2	69.0	69.9	70.5	70.5	71.2	71.5	71.5	71.9	71.9	72.3	72.5
≥ 18000	16.5	55.4	61.9	65.7	68.3	69.1	70.0	70.6	70.6	71.3	71.6	71.6	72.0	72.0	72.4	72.6
≥ 16000	16.6	55.5	62.0	65.8	68.3	69.2	70.1	70.7	70.7	71.3	71.7	71.7	72.1	72.1	72.5	72.7
WV 14000	16.9	56.1	62.7	66.5	69.1	70.0	70.8	71.4	71.4	72.1	72.4	72.4	72.9	72.9	73.2	73.5
WV 12000	17.6	58.1	64.9	68.8	71.5	72.4	73.4	74.0	74.0	74.8	75.1	75.1	75.5	75.5	75.9	76.1
WV 10000	18.3	61.0	68.3	72.4	75.3	76.1	77.2	77.8	77.8	78.6	78.9	78.9	79.4	79.4	79.7	80.0
WV 9000	18.4	62.1	69.5	73.5	76.4	77.3	78.4	79.0	79.0	79.7	80.1	80.1	80.5	80.5	80.9	81.1
WV 8000	18.6	64.6	72.1	76.3	79.2	80.1	81.2	81.8	81.8	82.6	82.9	82.9	83.3	83.3	83.7	83.9
WV 7000	18.9	66.1	73.7	78.0	81.0	81.9	83.0	83.6	83.6	84.4	84.7	84.7	85.1	85.1	85.5	85.7
WV 6000	19.1	66.5	74.2	78.5	81.6	82.5	83.5	84.1	84.2	84.9	85.3	85.3	85.7	85.7	86.1	86.3
WV 5000	19.2	67.5	75.3	79.8	82.9	83.8	85.0	85.6	85.6	86.3	86.7	86.7	87.2	87.2	87.5	87.8
WV 4500	19.3	68.3	76.2	80.7	83.9	84.8	85.9	86.5	86.6	87.3	87.7	87.7	88.1	88.1	88.5	88.7
WV 4000	19.4	69.6	77.9	82.5	85.7	86.6	87.8	88.4	88.5	89.2	89.6	89.6	90.0	90.0	90.4	90.6
WV 3500	19.6	70.5	78.9	83.5	86.7	87.6	88.8	89.4	89.4	90.2	90.5	90.5	91.0	91.0	91.4	91.6
WV 3000	19.9	72.0	80.6	85.2	88.6	89.5	90.7	91.3	91.3	92.1	92.4	92.4	92.9	92.9	93.3	93.5
WV 2500	20.1	72.9	81.5	86.2	89.7	90.6	91.8	92.4	92.5	93.2	93.6	93.6	94.0	94.0	94.4	94.6
WV 2000	20.1	73.1	82.0	86.6	90.3	91.2	92.4	93.0	93.1	93.8	94.2	94.2	94.6	94.6	95.0	95.2
WV 1800	20.1	73.2	82.0	86.7	90.4	91.3	92.5	93.1	93.2	93.9	94.3	94.3	94.7	94.7	95.1	95.3
WV 1500	20.1	73.4	82.4	87.2	90.9	91.8	93.0	93.6	93.7	94.5	94.8	94.8	95.3	95.3	95.7	95.9
WV 1200	20.2	73.7	82.8	87.6	91.4	92.3	93.5	94.1	94.2	95.0	95.3	95.3	95.8	95.8	96.2	96.4
WV 1000	20.2	74.0	83.2	88.1	91.8	92.8	94.0	94.6	94.7	95.5	95.8	95.8	96.3	96.3	96.7	96.9
WV 900	20.2	74.0	83.2	88.3	92.1	93.0	94.3	94.9	94.9	95.7	96.1	96.1	96.5	96.5	96.9	97.1
WV 800	20.3	74.3	83.5	88.8	92.7	93.7	94.9	95.5	95.6	96.4	96.7	96.7	97.2	97.2	97.6	97.8
WV 700	20.3	74.4	83.6	88.9	92.8	93.8	95.0	95.6	95.7	96.4	96.8	96.8	97.3	97.3	97.6	97.9
WV 600	20.3	74.5	83.7	89.0	92.9	94.0	95.2	95.8	95.8	96.6	97.0	97.0	97.5	97.5	97.8	98.1
WV 500	20.3	74.8	84.0	89.4	93.5	94.5	95.8	96.4	96.4	97.2	97.6	97.6	98.1	98.1	98.4	98.7
WV 400	20.3	74.9	84.1	89.5	93.7	94.7	96.1	96.7	96.8	97.6	98.0	98.0	98.5	98.5	98.9	99.1
WV 300	20.3	74.9	84.1	89.6	93.9	94.9	96.2	96.9	97.0	97.8	98.2	98.2	98.7	98.7	99.0	99.3
WV 200	20.3	74.9	84.1	89.6	93.9	94.9	96.2	96.9	97.0	97.8	98.2	98.2	98.7	98.7	99.1	99.4
WV 100	20.3	74.9	84.1	89.6	93.9	94.9	96.2	96.9	97.0	97.8	98.2	98.2	98.8	98.8	99.2	99.6
WV 0	20.3	74.9	84.1	89.6	93.9	94.9	96.2	96.9	97.0	97.8	98.2	98.2	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2167



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,50-72  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0900  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	21.1	50.1	54.4	56.7	58.1	58.6	58.9	59.1	59.2	59.4	59.4	59.4	59.4	59.5	59.5	59.5
IV 20000	24.0	57.4	62.4	64.9	66.4	66.9	67.3	67.5	67.5	67.7	67.8	67.8	67.8	67.9	67.9	67.9
IV 18000	24.0	57.4	62.4	64.9	66.4	66.9	67.3	67.5	67.5	67.7	67.8	67.8	67.8	67.9	67.9	67.9
IV 16000	24.2	57.7	62.7	65.3	66.7	67.3	67.6	67.8	67.9	68.0	68.1	68.1	68.2	68.2	68.2	68.3
IV 14000	24.6	58.3	63.4	65.9	67.4	67.9	68.2	68.5	68.5	68.7	68.8	68.8	68.8	68.9	68.9	68.9
IV 12000	25.5	60.4	65.8	68.4	69.9	70.4	70.9	71.1	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.6
IV 10000	26.6	63.4	69.4	72.1	73.7	74.2	74.6	74.9	75.0	75.2	75.2	75.2	75.3	75.3	75.3	75.4
IV 9000	26.9	64.2	70.3	73.3	75.1	75.6	76.1	76.3	76.4	76.6	76.7	76.7	76.7	76.8	76.8	76.8
IV 8000	27.2	66.9	73.3	76.4	78.2	78.8	79.3	79.5	79.6	79.8	79.9	79.9	79.9	80.0	80.0	80.0
IV 7000	27.6	68.4	74.8	78.0	79.8	80.4	80.8	81.1	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.6
IV 6000	28.0	69.1	75.5	78.8	80.6	81.2	81.6	81.8	81.9	82.1	82.2	82.2	82.3	82.3	82.3	82.4
IV 5000	28.5	70.6	77.3	80.6	82.4	83.0	83.5	83.7	83.8	84.0	84.1	84.1	84.2	84.2	84.2	84.2
IV 4500	28.6	71.2	78.0	81.4	83.3	84.0	84.4	84.7	84.8	84.9	85.0	85.0	85.1	85.1	85.1	85.2
IV 4000	29.1	72.7	79.7	83.1	85.2	85.9	86.4	86.6	86.7	86.9	87.0	87.0	87.1	87.1	87.1	87.1
IV 3500	29.5	74.0	81.2	84.6	86.8	87.6	88.1	88.3	88.4	88.6	88.7	88.7	88.7	88.8	88.8	88.8
IV 3000	29.8	75.1	82.4	85.9	88.1	88.9	89.4	89.6	89.7	89.9	90.0	90.0	90.0	90.1	90.1	90.1
IV 2500	30.1	76.1	83.8	87.3	89.8	90.6	91.2	91.4	91.5	91.7	91.8	91.8	91.9	91.9	91.9	92.0
IV 2000	30.3	76.5	84.3	87.9	90.5	91.3	91.9	92.2	92.3	92.5	92.6	92.6	92.7	92.7	92.7	92.7
IV 1800	30.3	76.6	84.3	88.0	90.6	91.4	92.0	92.2	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.8
IV 1500	30.3	77.0	84.8	88.5	91.2	92.0	92.6	92.9	93.0	93.3	93.4	93.4	93.4	93.5	93.5	93.5
IV 1200	30.7	77.6	85.5	89.4	92.2	93.0	93.6	93.9	94.0	94.3	94.4	94.4	94.5	94.5	94.5	94.5
IV 1000	30.8	78.1	86.1	90.3	93.1	94.0	94.6	95.0	95.1	95.5	95.6	95.6	95.7	95.7	95.7	95.8
IV 900	30.8	78.3	86.4	90.5	93.4	94.3	95.0	95.3	95.4	95.8	95.9	95.9	96.0	96.0	96.0	96.1
IV 800	30.8	78.5	86.7	90.9	93.9	94.8	95.5	95.8	95.9	96.4	96.4	96.4	96.5	96.5	96.5	96.6
IV 700	30.8	78.8	87.2	91.5	94.6	95.5	96.2	96.6	96.7	97.1	97.2	97.2	97.3	97.3	97.3	97.4
IV 600	30.8	78.8	87.4	91.9	95.0	95.9	96.7	97.1	97.3	97.7	97.8	97.8	97.8	97.9	97.9	97.9
IV 500	30.8	79.2	87.8	92.3	95.7	96.6	97.5	98.0	98.1	98.5	98.6	98.6	98.7	98.7	98.7	98.8
IV 400	30.8	79.2	87.8	92.4	95.8	96.8	97.8	98.3	98.5	98.9	99.0	99.0	99.1	99.1	99.2	99.2
IV 300	30.8	79.2	87.9	92.5	96.0	97.0	98.2	98.7	98.9	99.3	99.4	99.4	99.5	99.5	99.6	99.7
IV 200	30.8	79.2	87.9	92.5	96.0	97.0	98.2	98.8	98.9	99.4	99.6	99.6	99.6	99.7	99.8	100.0
IV 100	30.8	79.2	87.9	92.5	96.0	97.0	98.2	98.8	98.9	99.4	99.6	99.6	99.6	99.7	99.8	100.0
IV 0	30.8	79.2	87.9	92.5	96.0	97.0	98.2	98.8	98.9	99.4	99.6	99.6	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2165

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45.50-72  
YEARS

JUN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS(LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.1	52.8	53.7	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	31.9	61.6	62.6	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 18000	31.9	61.7	62.7	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 16000	32.0	61.9	62.8	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 14000	32.5	62.8	63.8	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 12000	33.7	65.3	66.4	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 10000	35.1	68.3	69.7	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 9000	35.8	70.0	71.6	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 8000	36.4	71.7	73.6	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 7000	36.7	72.8	74.6	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 6000	37.0	73.3	75.2	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 5000	37.1	74.2	76.3	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 4500	37.5	75.2	77.4	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 4000	39.0	78.0	80.3	81.0	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 3500	40.7	80.5	82.8	83.5	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 3000	43.0	83.9	86.2	87.0	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 2500	44.1	86.2	88.7	89.5	89.9	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 2000	44.9	88.4	91.0	91.8	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1800	45.2	88.9	91.6	92.4	92.9	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1500	45.5	89.7	92.6	93.6	94.1	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1200	45.9	91.1	94.2	95.4	96.0	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1000	46.1	91.6	94.8	96.2	96.9	97.1	97.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 900	46.2	91.8	95.2	96.6	97.3	97.5	97.6	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 800	46.2	92.2	95.5	97.1	97.8	98.2	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	46.2	92.3	95.8	97.4	98.1	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 600	46.2	92.4	95.9	97.5	98.3	98.7	98.8	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IV 500	46.2	92.4	96.0	97.7	98.5	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
IV 400	46.2	92.4	96.0	97.8	98.6	99.0	99.2	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9
IV 300	46.3	92.5	96.1	97.9	98.7	99.1	99.3	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	46.3	92.5	96.1	97.9	98.7	99.1	99.3	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	46.3	92.5	96.1	97.9	98.7	99.1	99.3	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	46.3	92.5	96.1	97.9	98.7	99.1	99.3	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2169

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,50-72  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING	23.9	46.4	47.0	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 20000	29.7	56.6	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 18000	29.8	56.7	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 16000	29.9	56.8	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 14000	30.4	57.7	58.4	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 12000	32.0	60.5	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 10000	33.2	63.0	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 9000	33.5	64.1	64.9	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 8000	33.7	65.0	66.2	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 7000	34.0	65.9	67.1	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 6000	34.5	66.6	68.0	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 5000	35.5	67.9	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 4500	36.5	69.1	70.8	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 4000	38.8	73.8	75.7	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 3500	42.1	79.2	81.1	81.5	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 3000	46.4	85.8	87.9	88.4	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 2500	49.3	90.4	92.9	93.5	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 2000	50.1	92.6	95.4	96.1	96.4	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1800	50.2	92.9	95.7	96.4	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1500	50.3	93.5	96.4	97.1	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1200	50.6	94.1	97.1	97.9	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1000	50.7	94.5	97.6	98.5	98.8	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
IV 900	50.7	94.5	97.6	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	50.7	94.6	97.7	98.6	99.0	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
IV 700	50.7	94.6	97.8	98.7	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	50.7	94.7	97.9	98.8	99.2	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
IV 500	50.7	94.7	97.9	98.8	99.3	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
IV 400	50.7	94.7	97.9	98.8	99.3	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 300	50.7	94.7	97.9	98.8	99.3	99.4	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
IV 200	50.7	94.7	97.9	98.8	99.3	99.4	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
IV 100	50.7	94.7	97.9	98.8	99.3	99.4	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
IV 0	50.7	94.7	97.9	98.8	99.3	99.4	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2168

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,50-72  
YEARS

JUN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.0	49.8	50.5	50.7	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 20000	33.9	63.7	64.5	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 18000	34.0	63.9	64.7	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 16000	34.3	64.1	65.0	65.2	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 14000	35.1	65.1	66.1	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 12000	36.9	68.3	69.3	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 10000	38.2	70.8	71.9	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 9000	39.2	72.4	73.6	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 8000	39.4	73.4	74.9	75.1	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 7000	39.7	74.2	75.7	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 6000	40.1	75.1	76.6	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 5000	40.6	76.7	78.4	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 4500	41.1	77.8	79.8	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 4000	42.5	81.2	83.4	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 3500	44.4	84.8	87.0	87.5	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 3000	47.5	89.3	92.0	92.5	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 2500	48.9	92.0	94.9	95.5	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 2000	49.3	93.1	95.9	96.6	97.0	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1800	49.4	93.4	96.2	96.9	97.2	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1500	49.6	93.8	96.9	97.6	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1200	49.7	94.1	97.4	98.1	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	49.7	94.4	97.6	98.4	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	49.7	94.5	97.7	98.5	98.9	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	49.7	94.6	97.8	98.6	99.1	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	49.7	94.6	97.8	98.6	99.3	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	49.7	94.6	97.9	98.7	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	49.7	94.6	97.9	98.7	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	49.7	94.6	97.9	98.7	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	49.7	94.6	97.9	98.7	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	49.7	94.6	97.9	98.7	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	49.7	94.6	97.9	98.7	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	49.7	94.6	97.9	98.7	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2169

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,50-72  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.6	56.0	57.5	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 20000	33.6	69.9	71.8	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 18000	33.8	70.2	72.1	72.8	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 16000	33.8	70.2	72.1	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 14000	34.3	70.9	72.8	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 12000	36.0	73.8	76.0	76.7	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 10000	37.1	76.2	78.5	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 9000	37.7	77.7	80.1	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 8000	38.6	80.1	82.7	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 7000	38.8	81.9	84.5	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 6000	39.0	82.5	85.1	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 5000	39.5	83.8	86.8	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 4500	39.6	84.7	87.6	88.6	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 4000	40.1	86.6	89.8	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 3500	40.5	88.1	91.4	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 3000	41.0	90.1	93.7	95.1	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 2500	41.4	91.4	95.1	96.7	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 2000	41.5	91.9	95.8	97.5	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800	41.5	92.0	95.9	97.6	98.2	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	41.6	92.1	96.1	97.8	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	41.6	92.3	96.4	98.1	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	41.6	92.4	96.4	98.1	98.8	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	41.6	92.5	96.6	98.5	99.2	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	41.6	92.6	96.7	98.6	99.3	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	41.6	92.6	96.7	98.6	99.3	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	41.6	92.6	96.7	98.6	99.3	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	41.6	92.6	96.7	98.6	99.3	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	41.6	92.6	96.8	98.7	99.4	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	41.6	92.6	96.8	98.7	99.4	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	41.6	92.6	96.8	98.7	99.4	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	41.6	92.6	96.8	98.7	99.4	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	41.6	92.6	96.8	98.7	99.4	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2172

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45, 50-72  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.7	67.0	69.1	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4
≥ 20000	25.1	74.0	77.2	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7
IV 18000	25.1	74.0	77.2	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7
IV 16000	25.1	74.0	77.2	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7
IV 14000	25.4	74.6	77.8	78.9	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3
IV 12000	26.6	76.9	80.4	81.5	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9
IV 10000	27.5	79.5	83.2	84.3	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8
IV 9000	27.7	80.5	84.2	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9
IV 8000	27.8	82.0	86.0	87.1	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7
IV 7000	28.2	83.6	87.6	88.8	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.5	89.5
IV 6000	28.3	84.0	88.1	89.2	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9
IV 5000	28.5	85.4	89.6	90.8	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5
IV 4500	28.5	86.0	90.3	91.5	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.3	92.3
IV 4000	28.8	88.1	92.7	93.9	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7
IV 3500	29.1	88.9	93.6	94.8	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.7	95.7
IV 3000	29.4	90.2	95.0	96.3	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.3	97.3
IV 2500	29.6	90.5	95.4	96.8	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.9	97.9
IV 2000	29.6	90.9	96.0	97.5	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
IV 1800	29.6	91.0	96.0	97.6	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7
IV 1500	29.6	91.0	96.1	97.6	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
IV 1200	29.6	91.1	96.2	97.7	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
IV 1000	29.6	91.2	96.3	97.8	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.1	99.1
IV 900	29.6	91.2	96.4	97.9	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
IV 800	29.6	91.2	96.5	98.0	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
IV 700	29.6	91.4	96.7	98.2	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
IV 600	29.6	91.4	96.7	98.2	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
IV 500	29.6	91.4	96.7	98.2	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6
IV 400	29.6	91.4	96.8	98.3	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.7
IV 300	29.6	91.4	96.8	98.3	99.1	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9
IV 200	29.6	91.4	96.8	98.3	99.2	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0
IV 100	29.6	91.4	96.8	98.3	99.2	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0
IV 0	29.6	91.4	96.8	98.3	99.2	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2171

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.7	62.5	67.4	69.6	71.0	71.1	71.5	71.6	71.6	71.9	72.0	72.0	72.3	72.3	72.4	72.5
≥ 20000	18.6	66.8	72.8	75.2	76.7	76.9	77.3	77.4	77.4	77.8	77.8	77.8	78.1	78.2	78.3	78.3
IV 18000	18.6	66.8	72.8	75.2	76.7	76.9	77.3	77.4	77.4	77.8	77.8	77.8	78.1	78.2	78.3	78.3
IV 16000	19.0	67.2	73.3	75.7	77.2	77.3	77.8	77.8	77.8	78.2	78.3	78.3	78.6	78.6	78.7	78.8
IV 14000	19.6	68.3	74.3	76.7	78.3	78.4	78.8	78.9	78.9	79.3	79.4	79.4	79.7	79.7	79.8	79.9
IV 12000	20.1	70.0	76.1	78.5	80.0	80.2	80.6	80.7	80.7	81.1	81.1	81.1	81.4	81.5	81.6	81.7
IV 10000	20.8	73.2	79.4	82.1	83.6	83.8	84.2	84.3	84.3	84.7	84.7	84.7	85.0	85.1	85.2	85.3
IV 9000	20.9	74.2	80.6	83.2	84.8	84.9	85.3	85.4	85.4	85.8	85.9	85.9	86.2	86.2	86.3	86.4
IV 8000	21.1	75.9	82.4	85.1	86.7	86.8	87.3	87.4	87.4	87.8	87.9	87.9	88.2	88.2	88.3	88.4
IV 7000	21.1	76.8	83.3	86.0	87.7	87.9	88.4	88.5	88.5	88.9	89.0	89.0	89.3	89.3	89.4	89.5
IV 6000	21.1	77.2	83.7	86.4	88.1	88.3	88.8	88.9	88.9	89.3	89.4	89.4	89.7	89.7	89.8	89.9
IV 5000	21.2	78.5	85.1	88.0	89.7	89.8	90.3	90.5	90.5	90.8	90.9	90.9	91.2	91.2	91.4	91.4
IV 4500	21.3	79.0	85.6	88.5	90.2	90.4	90.9	91.0	91.0	91.4	91.5	91.5	91.8	91.8	91.9	92.0
IV 4000	21.5	80.7	87.5	90.5	92.4	92.5	93.1	93.3	93.3	93.6	93.7	93.7	94.0	94.1	94.2	94.2
IV 3500	21.6	81.4	88.4	91.4	93.3	93.5	94.1	94.2	94.2	94.6	94.7	94.7	95.0	95.0	95.1	95.2
IV 3000	21.7	82.2	89.2	92.3	94.3	94.4	95.0	95.2	95.2	95.6	95.7	95.7	96.0	96.0	96.1	96.2
IV 2500	21.9	82.8	90.0	93.2	95.2	95.4	96.0	96.1	96.1	96.5	96.6	96.6	96.9	96.9	97.0	97.1
IV 2000	22.0	83.1	90.4	93.7	95.9	96.1	96.7	96.8	96.8	97.2	97.3	97.3	97.6	97.6	97.7	97.8
IV 1800	22.0	83.1	90.4	93.7	95.9	96.1	96.7	96.8	96.8	97.2	97.3	97.3	97.6	97.6	97.7	97.8
IV 1500	22.0	83.2	90.5	93.9	96.1	96.3	96.9	97.0	97.0	97.4	97.5	97.5	97.8	97.8	97.9	98.0
IV 1200	22.0	83.4	90.8	94.1	96.4	96.6	97.2	97.3	97.4	97.8	97.8	97.8	98.1	98.2	98.3	98.3
IV 1000	22.0	83.5	90.8	94.2	96.5	96.7	97.3	97.4	97.5	97.8	97.9	97.9	98.2	98.3	98.3	98.4
IV 900	22.0	83.5	90.8	94.2	96.5	96.7	97.3	97.5	97.5	97.9	98.0	98.0	98.3	98.3	98.4	98.5
IV 800	22.1	83.6	91.0	94.3	96.7	96.9	97.5	97.6	97.7	98.1	98.1	98.1	98.4	98.5	98.6	98.6
IV 700	22.2	83.9	91.2	94.6	96.9	97.2	97.8	97.9	98.0	98.3	98.4	98.4	98.7	98.8	98.9	98.9
IV 600	22.2	84.0	91.5	94.8	97.3	97.5	98.2	98.3	98.3	98.7	98.8	98.8	99.1	99.2	99.2	99.3
IV 500	22.2	84.0	91.5	94.9	97.3	97.6	98.2	98.3	98.4	98.8	98.9	98.9	99.2	99.2	99.3	99.4
IV 400	22.2	84.1	91.7	95.0	97.5	97.8	98.5	98.6	98.6	99.0	99.1	99.1	99.4	99.5	99.6	99.7
IV 300	22.2	84.1	91.7	95.1	97.6	98.0	98.6	98.7	98.8	99.2	99.2	99.2	99.5	99.6	99.7	99.8
IV 200	22.2	84.1	91.7	95.1	97.6	98.0	98.6	98.8	98.8	99.2	99.3	99.3	99.6	99.7	99.7	99.9
IV 100	22.2	84.1	91.7	95.1	97.6	98.1	98.7	98.8	98.9	99.2	99.3	99.3	99.6	99.7	99.8	99.9
IV 0	22.2	84.1	91.7	95.1	97.6	98.1	98.7	98.8	98.9	99.2	99.3	99.3	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2360



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45, 50-72  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.2	47.0	53.5	57.7	61.5	62.3	64.7	65.5	65.6	66.5	66.7	66.7	67.0	67.2	67.5	67.9
≥ 20000	13.3	52.3	59.7	64.1	68.1	68.9	71.4	72.3	72.5	73.4	73.7	73.7	74.0	74.2	74.5	75.0
IV 18000	13.3	52.3	59.7	64.1	68.1	68.9	71.4	72.3	72.5	73.4	73.7	73.7	74.0	74.2	74.5	75.0
IV 16000	13.4	52.5	59.9	64.4	68.3	69.2	71.6	72.5	72.7	73.7	73.9	73.9	74.2	74.5	74.8	75.2
IV 14000	14.3	53.9	61.3	65.8	69.8	70.7	73.1	74.0	74.2	75.1	75.4	75.4	75.7	76.0	76.3	76.7
IV 12000	15.0	55.7	63.3	68.1	72.2	73.1	75.5	76.4	76.6	77.6	77.8	77.8	78.2	78.4	78.7	79.1
IV 10000	15.5	58.3	66.2	71.2	75.4	76.3	78.9	79.8	80.0	81.0	81.2	81.2	81.6	81.8	82.1	82.6
IV 9000	15.8	59.2	67.2	72.3	76.4	77.4	79.9	80.9	81.1	82.1	82.3	82.3	82.6	82.9	83.2	83.6
IV 8000	16.2	61.1	69.1	74.3	78.4	79.4	82.0	82.9	83.2	84.1	84.4	84.4	84.8	85.0	85.3	85.7
IV 7000	16.3	62.6	70.9	76.1	80.4	81.4	84.0	85.0	85.2	86.2	86.5	86.5	86.8	87.1	87.4	87.8
IV 6000	16.5	63.0	71.3	76.6	81.0	82.0	84.7	85.7	85.9	86.8	87.1	87.1	87.5	87.7	88.0	88.5
IV 5000	16.7	64.5	72.8	78.2	82.6	83.6	86.3	87.3	87.5	88.5	88.8	88.8	89.2	89.4	89.7	90.2
IV 4500	16.7	64.8	73.2	78.7	83.1	84.1	86.8	87.8	88.0	89.1	89.4	89.4	89.7	89.9	90.2	90.7
IV 4000	16.8	65.5	74.1	79.8	84.2	85.2	88.0	89.0	89.2	90.2	90.5	90.5	90.9	91.1	91.4	91.9
IV 3500	16.8	66.2	74.8	80.6	85.0	86.0	88.8	89.8	90.0	91.1	91.4	91.4	91.8	92.0	92.3	92.7
IV 3000	17.0	66.7	75.5	81.4	85.9	86.9	89.7	90.7	90.9	92.1	92.4	92.4	92.7	93.0	93.3	93.7
IV 2500	17.1	67.2	76.0	82.1	86.6	87.6	90.4	91.4	91.6	92.7	93.0	93.0	93.4	93.6	93.9	94.4
IV 2000	17.1	67.5	76.4	82.5	87.1	88.2	91.0	92.0	92.2	93.4	93.7	93.7	94.0	94.3	94.6	95.0
IV 1800	17.1	67.6	76.5	82.6	87.4	88.4	91.3	92.2	92.4	93.6	93.9	93.9	94.2	94.5	94.8	95.2
IV 1500	17.2	67.8	76.7	82.9	87.7	88.8	91.7	92.7	92.9	94.1	94.4	94.4	94.7	95.0	95.2	95.7
IV 1200	17.2	67.8	76.8	83.0	87.8	88.9	91.8	92.7	93.0	94.1	94.4	94.4	94.8	95.0	95.3	95.8
IV 1000	17.3	68.1	77.1	83.4	88.2	89.3	92.2	93.2	93.4	94.6	94.9	94.9	95.2	95.5	95.8	96.2
IV 900	17.3	68.2	77.3	83.5	88.3	89.5	92.4	93.4	93.6	94.8	95.1	95.1	95.5	95.7	96.0	96.4
IV 800	17.3	68.5	77.6	83.9	88.7	89.9	92.7	93.8	94.0	95.2	95.5	95.5	95.8	96.1	96.4	96.8
IV 700	17.3	68.7	77.9	84.2	89.0	90.2	93.1	94.2	94.4	95.6	95.9	95.9	96.3	96.5	96.9	97.3
IV 600	17.3	69.0	78.3	84.6	89.4	90.6	93.5	94.6	94.8	96.0	96.4	96.4	96.7	96.9	97.3	97.7
IV 500	17.4	69.2	78.7	85.0	89.9	91.2	94.1	95.2	95.4	96.6	97.0	97.0	97.3	97.6	97.9	98.4
IV 400	17.4	69.3	78.7	85.1	90.0	91.4	94.4	95.6	95.8	97.0	97.4	97.4	97.8	98.0	98.3	98.8
IV 300	17.4	69.3	78.8	85.2	90.1	91.6	94.5	95.7	95.9	97.2	97.5	97.5	97.9	98.1	98.5	99.0
IV 200	17.4	69.4	78.8	85.2	90.2	91.7	94.7	95.9	96.1	97.4	97.8	97.8	98.2	98.4	98.8	99.2
IV 100	17.4	69.4	78.8	85.2	90.2	91.7	94.7	95.9	96.1	97.4	97.9	97.9	98.2	98.5	98.8	99.6
IV 0	17.4	69.4	78.8	85.2	90.2	91.7	94.7	95.9	96.1	97.4	97.9	97.9	98.2	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2357



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.5	43.2	48.9	52.0	54.2	54.9	56.2	56.7	56.8	57.0	57.1	57.1	57.2	57.3	57.4	57.5
IV 20000	19.2	51.7	57.8	61.2	63.9	64.6	66.1	66.7	66.7	66.9	67.1	67.1	67.2	67.3	67.4	67.5
IV 18000	19.3	51.8	57.9	61.3	64.0	64.7	66.2	66.8	66.9	67.1	67.2	67.2	67.3	67.4	67.5	67.6
IV 16000	19.5	52.2	58.3	61.7	64.4	65.1	66.6	67.2	67.2	67.5	67.6	67.6	67.7	67.8	67.9	68.0
IV 14000	20.2	53.2	59.4	62.8	65.6	66.3	67.8	68.4	68.4	68.6	68.8	68.8	68.9	69.0	69.1	69.2
IV 12000	21.1	55.4	61.9	65.5	68.4	69.1	70.6	71.2	71.3	71.5	71.7	71.7	71.8	71.8	72.0	72.1
IV 10000	21.8	60.0	66.9	71.0	73.9	74.7	76.3	76.8	77.0	77.2	77.4	77.4	77.4	77.5	77.7	77.8
IV 9000	22.2	61.2	68.4	72.4	75.3	76.1	77.7	78.2	78.4	78.6	78.8	78.8	78.8	78.9	79.1	79.2
IV 8000	22.8	63.0	70.5	74.8	77.9	78.8	80.4	81.0	81.1	81.4	81.5	81.5	81.6	81.7	81.8	81.9
IV 7000	23.1	65.2	72.7	77.0	80.2	81.1	82.7	83.3	83.4	83.7	83.9	83.9	84.0	84.1	84.2	84.3
IV 6000	23.2	65.8	73.5	77.7	81.0	81.9	83.5	84.1	84.2	84.5	84.7	84.7	84.8	84.9	85.0	85.2
IV 5000	23.4	66.7	74.6	78.9	82.3	83.3	84.9	85.6	85.7	86.1	86.3	86.3	86.4	86.5	86.6	86.7
IV 4500	23.5	67.2	75.1	79.4	82.8	83.9	85.5	86.2	86.3	86.7	86.9	86.9	87.0	87.1	87.2	87.3
IV 4000	23.7	67.8	76.0	80.4	83.8	84.8	86.5	87.2	87.3	87.7	87.9	87.9	88.0	88.1	88.2	88.4
IV 3500	23.7	68.2	76.3	80.9	84.4	85.4	87.1	87.8	87.9	88.3	88.5	88.5	88.6	88.7	88.8	89.0
IV 3000	23.9	69.1	77.3	82.0	85.5	86.6	88.3	89.0	89.1	89.5	89.8	89.8	89.9	90.0	90.1	90.2
IV 2500	24.3	69.8	78.0	82.8	86.4	87.5	89.1	89.8	90.0	90.4	90.7	90.7	90.7	90.8	91.0	91.1
IV 2000	24.4	70.4	78.7	83.6	87.2	88.3	90.0	90.8	90.9	91.3	91.6	91.6	91.7	91.8	91.9	92.0
IV 1800	24.6	70.6	78.9	83.9	87.5	88.6	90.3	91.1	91.2	91.6	91.9	91.9	92.0	92.1	92.2	92.3
IV 1500	24.7	71.0	79.4	84.3	88.0	89.1	90.8	91.6	91.8	92.2	92.4	92.4	92.5	92.6	92.7	92.9
IV 1200	24.9	71.9	80.3	85.3	89.0	90.1	91.9	92.7	92.8	93.2	93.5	93.5	93.6	93.7	93.8	93.9
IV 1000	25.1	72.5	80.9	86.0	89.8	91.0	92.8	93.6	93.8	94.2	94.5	94.5	94.6	94.6	94.8	94.9
IV 900	25.1	72.9	81.3	86.4	90.3	91.4	93.3	94.1	94.3	94.7	95.0	95.0	95.1	95.2	95.3	95.4
IV 800	25.1	73.3	81.9	86.9	90.9	92.1	94.0	94.9	95.0	95.5	95.8	95.8	95.9	96.0	96.1	96.2
IV 700	25.2	73.6	82.3	87.4	91.4	92.7	94.5	95.4	95.5	96.0	96.3	96.3	96.4	96.5	96.6	96.8
IV 600	25.3	74.0	82.8	87.9	92.0	93.2	95.1	96.0	96.1	96.6	97.0	97.0	97.1	97.2	97.3	97.5
IV 500	25.3	74.2	83.1	88.3	92.4	93.7	95.6	96.6	96.7	97.2	97.5	97.5	97.6	97.7	97.9	98.1
IV 400	25.3	74.4	83.3	88.7	92.9	94.3	96.3	97.3	97.5	97.9	98.3	98.3	98.4	98.5	98.7	98.9
IV 300	25.3	74.4	83.3	88.7	93.1	94.5	96.6	97.6	97.7	98.2	98.8	98.8	98.9	99.0	99.2	99.4
IV 200	25.3	74.4	83.4	88.8	93.2	94.6	96.6	97.7	97.8	98.3	98.9	98.9	99.0	99.2	99.3	99.6
IV 100	25.3	74.4	83.4	88.8	93.2	94.6	96.6	97.7	97.8	98.3	98.9	98.9	99.0	99.2	99.4	99.8
IV 0	25.3	74.4	83.4	88.8	93.2	94.6	96.6	97.7	97.8	98.3	98.9	98.9	99.0	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2354

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
YEARS

JUL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	25.2	50.4	52.1	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	30.0	60.2	62.1	62.5	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 18000	30.1	60.3	62.2	62.7	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 16000	30.3	60.8	62.7	63.1	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 14000	30.8	61.8	63.8	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 12000	32.2	64.9	67.0	67.4	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 10000	33.5	68.6	70.8	71.2	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 9000	33.8	69.2	71.6	72.0	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 8000	34.5	71.5	73.9	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3
IV 7000	34.7	72.8	75.3	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
IV 6000	34.9	73.6	76.2	76.7	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 5000	35.2	74.5	77.2	77.8	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 4500	35.6	75.4	78.2	78.8	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
IV 4000	36.5	76.9	79.8	80.5	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 3500	38.0	79.1	82.1	82.8	83.6	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
IV 3000	39.4	81.7	84.8	85.7	86.6	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
IV 2500	40.7	84.0	87.4	88.4	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 2000	41.7	86.6	90.2	91.2	92.1	92.2	92.3	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
IV 1800	41.9	87.2	90.8	91.8	92.7	92.8	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1500	42.5	88.5	92.4	93.5	94.5	94.6	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1200	43.1	90.3	94.5	95.6	96.6	96.6	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1000	43.3	90.9	95.2	96.4	97.4	97.5	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	43.3	91.4	95.8	96.9	97.9	98.0	98.1	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 800	43.4	91.5	95.9	97.1	98.1	98.2	98.4	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	43.5	91.7	96.2	97.4	98.5	98.6	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	43.5	91.8	96.3	97.5	98.6	98.7	98.9	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	43.5	91.9	96.4	97.6	98.8	99.0	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	43.5	92.0	96.5	97.7	98.9	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	43.5	92.0	96.6	97.7	98.9	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	43.5	92.0	96.6	97.7	98.9	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	43.5	92.0	96.6	97.7	98.9	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	43.5	92.0	96.6	97.7	98.9	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2353

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.6	44.2	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000	29.2	55.5	56.6	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 18000	29.2	55.6	56.7	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 16000	29.5	56.1	57.2	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 14000	29.7	56.4	57.5	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV 12000	31.1	58.9	60.1	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 10000	32.3	62.0	63.6	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 9000	32.5	62.8	64.6	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 8000	33.3	64.7	66.6	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 7000	33.6	65.5	67.5	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 6000	34.0	66.3	68.3	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 5000	35.3	68.2	70.4	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 4500	36.4	69.9	72.1	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 4000	38.6	73.2	75.5	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 3500	41.4	77.6	80.0	80.7	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 3000	45.8	85.0	87.5	88.4	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 2500	48.9	90.1	92.7	93.6	94.0	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
IV 2000	49.7	92.0	94.6	95.6	96.1	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
IV 1800	49.9	92.4	95.1	96.1	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.8
IV 1500	50.3	93.3	96.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9
IV 1200	50.7	94.1	97.1	98.3	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	50.8	94.4	97.4	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4
IV 900	50.9	94.5	97.6	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	50.9	94.5	97.6	98.8	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	50.9	94.6	97.7	98.9	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	50.9	94.6	97.7	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	50.9	94.6	97.7	98.9	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9
IV 400	50.9	94.6	97.7	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0
IV 300	50.9	94.6	97.7	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0
IV 200	50.9	94.6	97.7	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0
IV 100	50.9	94.6	97.7	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0
IV 0	50.9	94.6	97.7	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2355

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45-50-72  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.1	49.3	50.3	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1
≥ 20000	34.5	64.9	66.3	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3
IV 18000	34.6	65.0	66.4	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
IV 16000	35.0	65.5	66.8	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9
IV 14000	35.6	66.3	67.7	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7
IV 12000	37.3	68.5	69.9	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0
IV 10000	38.6	71.1	72.6	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7
IV 9000	38.8	72.1	73.6	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8
IV 8000	39.7	74.4	76.0	76.9	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4
IV 7000	40.1	75.6	77.4	78.3	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.9	78.9	78.9
IV 6000	40.6	76.2	78.1	79.0	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5
IV 5000	41.5	78.0	79.9	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.4	81.4	81.4
IV 4500	42.1	78.8	80.7	81.7	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.3	82.3	82.3
IV 4000	43.5	82.0	84.0	85.0	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.7	85.7
IV 3500	45.2	84.9	87.1	88.5	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.2	89.3	89.3	89.3
IV 3000	47.6	89.1	91.7	93.2	93.7	93.7	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.1	94.2	94.2
IV 2500	49.1	91.6	94.3	95.9	96.4	96.4	96.7	96.8	96.8	97.0	97.0	97.0	97.1	97.2	97.3	97.3
IV 2000	49.4	92.2	95.0	96.8	97.4	97.4	97.7	97.8	97.8	98.0	98.1	98.1	98.1	98.2	98.3	98.3
IV 1800	49.4	92.3	95.2	97.0	97.5	97.6	97.9	98.0	98.0	98.1	98.2	98.2	98.3	98.4	98.4	98.4
IV 1500	49.6	92.6	95.4	97.3	97.9	98.0	98.3	98.4	98.4	98.5	98.6	98.6	98.7	98.8	98.8	98.8
IV 1200	49.7	92.8	95.6	97.6	98.2	98.3	98.6	98.7	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.2
IV 1000	49.8	92.9	95.8	97.8	98.4	98.5	98.8	98.9	98.9	99.1	99.2	99.2	99.3	99.3	99.4	99.4
IV 900	49.9	92.9	95.8	97.8	98.4	98.5	98.8	98.9	99.0	99.2	99.2	99.2	99.3	99.4	99.5	99.5
IV 800	49.9	92.9	95.9	97.9	98.5	98.6	98.9	99.1	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.6
IV 700	49.9	93.1	96.0	98.1	98.7	98.8	99.2	99.3	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.8
IV 600	49.9	93.2	96.2	98.2	98.9	98.9	99.3	99.4	99.5	99.7	99.7	99.7	99.8	99.9	100.0	100.0
IV 500	49.9	93.2	96.2	98.2	98.9	98.9	99.3	99.4	99.5	99.7	99.7	99.7	99.8	99.9	100.0	100.0
IV 400	49.9	93.2	96.2	98.2	98.9	98.9	99.3	99.4	99.5	99.7	99.7	99.7	99.8	99.9	100.0	100.0
IV 300	49.9	93.2	96.2	98.2	98.9	98.9	99.3	99.4	99.5	99.7	99.7	99.7	99.8	99.9	100.0	100.0
IV 200	49.9	93.2	96.2	98.2	98.9	98.9	99.3	99.4	99.5	99.7	99.7	99.7	99.8	99.9	100.0	100.0
IV 100	49.9	93.2	96.2	98.2	98.9	98.9	99.3	99.4	99.5	99.7	99.7	99.7	99.8	99.9	100.0	100.0
IV 0	49.9	93.2	96.2	98.2	98.9	98.9	99.3	99.4	99.5	99.7	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2365

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.7	52.4	54.2	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 20000	31.7	67.7	70.4	71.5	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 18000	31.9	67.9	70.6	71.7	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 16000	31.9	68.1	70.8	71.9	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 14000	32.6	69.0	71.9	73.0	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 12000	34.0	71.7	74.7	75.8	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 10000	35.7	75.6	78.8	79.9	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 9000	36.1	76.6	79.8	81.0	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 8000	36.9	79.5	82.8	84.1	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 7000	37.4	81.6	85.2	86.7	87.4	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 6000	37.8	82.3	86.0	87.4	88.2	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 5000	38.5	83.3	87.0	88.5	89.2	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 4500	38.5	83.5	87.2	88.8	89.5	89.5	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 4000	39.2	85.5	89.2	90.8	91.7	91.8	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 3500	39.9	87.4	91.2	92.9	93.8	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 3000	40.4	88.8	92.8	94.5	95.6	95.6	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 2500	41.1	90.2	94.2	96.1	97.2	97.3	97.5	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 2000	41.5	90.7	94.8	96.7	97.9	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1800	41.6	90.8	94.9	96.8	98.0	98.1	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1500	41.6	91.0	95.1	97.1	98.3	98.4	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	41.6	91.0	95.1	97.1	98.3	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	41.6	91.0	95.1	97.1	98.3	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	41.6	91.1	95.2	97.2	98.4	98.5	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	41.6	91.1	95.2	97.2	98.4	98.6	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	41.6	91.2	95.3	97.4	98.7	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	41.6	91.3	95.4	97.5	98.8	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	41.6	91.4	95.5	97.6	98.9	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	41.6	91.4	95.5	97.6	98.9	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	41.5	91.4	95.5	97.7	99.0	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	41.6	91.4	95.5	97.7	99.0	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	41.6	91.4	95.5	97.7	99.0	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	41.6	91.4	95.5	97.7	99.0	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2356

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72 JUL MONTH 2100-2300 HOURS (LST)

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.0	63.5	67.1	68.7	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 20000	22.2	70.6	75.1	76.9	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 18000	22.3	70.7	75.1	76.9	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 16000	22.5	71.0	75.4	77.2	77.9	78.2	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 14000	22.9	72.0	76.5	78.3	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 12000	23.7	73.4	77.9	79.7	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 10000	24.5	76.4	81.1	83.1	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 9000	24.8	77.7	82.4	84.4	85.0	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 8000	25.3	79.5	84.3	86.3	87.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 7000	25.5	81.3	86.5	88.6	89.2	89.3	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 6000	25.7	81.7	87.0	89.0	89.7	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 5000	25.9	82.4	87.8	89.8	90.5	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 4500	25.9	83.0	88.4	90.5	91.2	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
IV 4000	26.1	84.8	90.3	92.4	93.2	93.3	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 3500	26.2	85.8	91.5	93.6	94.4	94.5	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 3000	26.7	87.2	93.1	95.3	96.1	96.2	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 2500	26.9	88.1	94.2	96.4	97.2	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
IV 2000	27.0	88.6	94.7	96.9	97.8	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
IV 1800	27.0	88.6	94.8	97.0	97.9	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	27.1	88.9	95.2	97.5	98.3	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
IV 1200	27.1	89.0	95.3	97.6	98.5	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	27.1	89.0	95.3	97.6	98.6	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
IV 900	27.2	89.1	95.4	97.8	98.7	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	27.2	89.1	95.4	97.8	98.8	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
IV 700	27.2	89.1	95.4	97.8	98.8	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
IV 600	27.2	89.1	95.5	98.0	98.9	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 500	27.2	89.1	95.5	98.0	98.9	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 400	27.2	89.1	95.5	98.0	98.9	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	27.2	89.1	95.5	98.1	99.0	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	27.2	89.1	95.5	98.1	99.0	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	27.2	89.1	95.5	98.1	99.0	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	27.2	89.1	95.5	98.1	99.0	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2361

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	16.1	62.1	67.9	71.9	73.4	73.8	75.0	75.7	75.7	76.2	76.3	76.3	76.7	76.7	76.8	76.9
≥ 20000	16.9	65.9	71.8	76.1	77.7	78.2	79.4	80.1	80.1	80.6	80.7	80.7	81.1	81.1	81.1	81.3
IV 18000	16.9	65.9	71.8	76.1	77.7	78.2	79.4	80.1	80.1	80.6	80.7	80.7	81.1	81.1	81.1	81.3
IV 16000	17.1	66.2	72.1	76.3	77.9	78.4	79.6	80.3	80.3	80.8	80.9	80.9	81.3	81.4	81.4	81.5
IV 14000	17.4	66.8	72.7	77.0	78.5	79.1	80.3	81.0	81.0	81.5	81.6	81.6	82.0	82.0	82.1	82.2
IV 12000	18.3	68.7	74.9	79.2	80.9	81.5	82.7	83.4	83.4	83.9	84.0	84.0	84.4	84.4	84.5	84.6
IV 10000	19.1	70.6	77.0	81.5	83.4	84.0	85.2	85.9	85.9	86.5	86.6	86.6	87.0	87.0	87.0	87.2
IV 9000	19.1	71.0	77.5	82.3	84.2	84.8	86.0	86.7	86.7	87.3	87.4	87.4	87.7	87.8	87.8	88.0
IV 8000	19.8	72.5	79.2	84.1	86.0	86.7	88.1	88.8	88.8	89.3	89.5	89.5	89.8	89.9	89.9	90.0
IV 7000	20.2	73.8	80.8	85.9	87.8	88.5	89.9	90.6	90.6	91.2	91.3	91.3	91.7	91.7	91.7	91.9
IV 6000	20.3	74.2	81.2	86.3	88.2	88.9	90.4	91.1	91.1	91.6	91.7	91.7	92.1	92.2	92.2	92.3
IV 5000	20.3	75.0	82.1	87.3	89.3	90.0	91.4	92.2	92.2	92.7	92.8	92.8	93.2	93.2	93.3	93.4
IV 4500	20.4	75.2	82.5	87.7	89.9	90.5	92.0	92.7	92.7	93.2	93.4	93.4	93.7	93.8	93.8	93.9
IV 4000	20.3	75.6	83.1	88.4	90.5	91.2	92.7	93.4	93.4	94.0	94.1	94.1	94.5	94.6	94.6	94.7
IV 3500	20.5	76.0	83.6	89.0	91.1	91.9	93.4	94.1	94.1	94.6	94.8	94.8	95.2	95.2	95.3	95.4
IV 3000	20.6	76.5	84.2	89.8	92.0	92.8	94.3	95.0	95.0	95.6	95.7	95.7	96.1	96.1	96.2	96.3
IV 2500	20.8	77.0	84.9	90.5	92.8	93.6	95.1	95.8	95.8	96.4	96.5	96.5	96.9	97.0	97.0	97.1
IV 2000	20.8	77.2	85.2	90.9	93.2	93.9	95.5	96.2	96.2	96.8	96.9	96.9	97.3	97.3	97.4	97.5
IV 1800	20.8	77.3	85.3	91.0	93.4	94.1	95.7	96.4	96.4	97.0	97.1	97.1	97.5	97.5	97.6	97.7
IV 1500	20.8	77.3	85.4	91.1	93.5	94.2	95.8	96.5	96.5	97.1	97.2	97.2	97.6	97.7	97.7	97.8
IV 1200	20.9	77.5	85.6	91.3	93.8	94.5	96.1	96.8	96.8	97.4	97.5	97.5	97.9	98.0	98.0	98.1
IV 1000	20.9	77.7	85.8	91.5	94.0	94.7	96.3	97.1	97.1	97.6	97.8	97.8	98.2	98.2	98.3	98.4
IV 900	20.9	77.8	85.9	91.7	94.1	94.9	96.4	97.2	97.2	97.8	97.9	97.9	98.3	98.3	98.4	98.5
IV 800	20.9	77.8	85.9	91.7	94.1	94.9	96.5	97.3	97.3	97.8	98.0	98.0	98.4	98.4	98.5	98.6
IV 700	20.9	77.8	85.9	91.8	94.2	95.0	96.7	97.4	97.4	98.0	98.1	98.1	98.6	98.6	98.7	98.8
IV 600	20.9	77.8	85.9	91.8	94.3	95.0	96.8	97.5	97.5	98.1	98.2	98.2	98.7	98.8	98.8	99.0
IV 500	20.9	77.8	86.0	91.9	94.4	95.1	96.9	97.6	97.6	98.2	98.3	98.3	98.8	98.9	98.9	99.1
IV 400	20.9	77.8	86.1	92.0	94.5	95.3	97.0	97.8	97.8	98.4	98.5	98.5	99.0	99.1	99.1	99.3
IV 300	20.9	77.8	86.1	92.0	94.5	95.3	97.0	97.8	97.8	98.5	98.6	98.6	99.1	99.1	99.2	99.4
IV 200	20.9	77.8	86.3	92.2	94.7	95.4	97.2	98.0	98.0	98.6	98.8	98.8	99.3	99.3	99.3	99.5
IV 100	20.9	77.8	86.3	92.2	94.7	95.4	97.2	98.0	98.0	98.6	98.8	98.8	99.3	99.3	99.4	99.8
IV 0	20.9	77.8	86.3	92.2	94.7	95.4	97.2	98.0	98.0	98.7	98.8	98.8	99.3	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2408



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45-50-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10.5	46.4	55.2	60.3	63.6	64.3	66.7	68.1	68.2	69.6	70.2	70.2	70.6	70.7	71.2	71.8
IV 20000	11.3	49.7	59.0	64.4	68.1	68.8	71.5	73.0	73.1	74.6	75.2	75.2	75.6	75.7	76.2	76.9
IV 18000	11.4	49.8	59.1	64.5	68.2	69.0	71.7	73.2	73.3	74.7	75.3	75.3	75.8	75.9	76.4	77.1
IV 16000	11.5	49.9	59.2	64.6	68.3	69.1	71.8	73.3	73.4	74.9	75.4	75.4	75.9	76.0	76.5	77.2
IV 14000	11.8	50.4	60.0	65.4	69.2	70.0	72.7	74.1	74.2	75.7	76.3	76.3	76.7	76.9	77.4	78.0
IV 12000	12.6	52.2	62.0	67.6	71.5	72.3	75.1	76.5	76.7	78.1	78.7	78.7	79.1	79.3	79.8	80.4
IV 10000	13.3	54.6	64.8	70.6	74.7	75.6	78.6	80.1	80.2	81.7	82.3	82.3	82.8	83.0	83.5	84.2
IV 9000	13.5	55.3	65.6	71.6	75.7	76.6	79.6	81.1	81.2	82.8	83.4	83.4	83.9	84.0	84.5	85.2
IV 8000	14.2	56.8	67.5	73.7	77.9	78.9	81.9	83.5	83.7	85.3	85.9	85.9	86.4	86.5	87.0	87.7
IV 7000	14.3	57.7	68.6	74.9	79.1	80.1	83.2	84.8	84.9	86.5	87.2	87.2	87.7	87.8	88.3	89.0
IV 6000	14.3	58.2	69.0	75.4	79.6	80.6	83.8	85.4	85.5	87.1	87.7	87.7	88.2	88.4	88.9	89.6
IV 5000	14.5	58.8	69.6	76.1	80.4	81.4	84.6	86.2	86.4	88.0	88.7	88.7	89.2	89.3	89.8	90.5
IV 4500	14.6	59.3	70.2	76.7	80.9	82.0	85.1	86.8	86.9	88.6	89.2	89.2	89.7	89.8	90.3	91.0
IV 4000	14.6	59.7	70.7	77.3	81.6	82.6	85.8	87.5	87.6	89.2	89.9	89.9	90.4	90.5	91.0	91.7
IV 3500	14.7	60.2	71.2	77.8	82.2	82.3	86.4	88.1	88.2	89.9	90.5	90.5	91.0	91.1	91.6	92.3
IV 3000	14.8	61.0	72.2	79.1	83.8	84.9	88.2	89.8	89.9	91.6	92.2	92.2	92.7	92.9	93.4	94.1
IV 2500	15.0	61.4	72.7	79.6	84.3	85.5	88.8	90.5	90.6	92.3	92.9	92.9	93.4	93.5	94.0	94.7
IV 2000	15.1	61.7	73.0	79.9	84.7	85.9	89.2	90.9	91.1	92.8	93.4	93.4	93.9	94.0	94.5	95.3
IV 1800	15.1	61.7	73.0	80.0	84.8	86.0	89.4	91.1	91.2	92.9	93.6	93.6	94.1	94.2	94.7	95.4
IV 1500	15.2	61.8	73.2	80.1	85.0	86.2	89.6	91.3	91.4	93.2	93.8	93.8	94.3	94.4	94.9	95.7
IV 1200	15.2	62.2	73.8	80.8	85.8	87.0	90.3	92.0	92.2	93.9	94.6	94.6	95.1	95.2	95.7	96.4
IV 1000	15.2	62.4	74.1	81.3	86.3	87.5	91.0	92.7	92.9	94.6	95.3	95.3	95.8	95.9	96.4	97.1
IV 900	15.2	62.5	74.2	81.4	86.4	87.7	91.2	92.9	93.0	94.8	95.4	95.4	95.9	96.0	96.5	97.3
IV 800	15.2	62.7	74.5	81.8	86.8	88.1	91.6	93.3	93.5	95.2	95.8	95.8	96.3	96.5	97.0	97.8
IV 700	15.2	62.9	74.8	82.1	87.2	88.4	92.0	93.7	93.9	95.6	96.2	96.2	96.7	96.8	97.3	98.2
IV 600	15.2	62.9	74.9	82.2	87.3	88.5	92.1	93.9	94.0	95.8	96.4	96.4	96.9	97.0	97.5	98.3
IV 500	15.2	62.9	74.9	82.2	87.3	88.6	92.2	93.9	94.1	95.8	96.5	96.5	97.0	97.1	97.6	98.5
IV 400	15.2	62.9	74.9	82.3	87.4	88.7	92.4	94.1	94.2	96.0	96.6	96.6	97.1	97.2	97.8	98.7
IV 300	15.2	62.9	74.9	82.3	87.5	88.7	92.6	94.3	94.4	96.2	96.8	96.8	97.3	97.5	98.1	99.0
IV 200	15.2	62.9	74.9	82.3	87.5	88.8	92.6	94.3	94.5	96.3	97.0	97.0	97.5	97.7	98.4	99.4
IV 100	15.2	62.9	74.9	82.3	87.5	88.8	92.6	94.3	94.5	96.3	97.0	97.0	97.5	97.7	98.5	99.6
IV 0	15.2	62.9	74.9	82.3	87.5	88.8	92.6	94.3	94.5	96.3	97.1	97.1	97.6	97.7	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2407



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0600  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.1	41.5	46.8	50.8	54.2	56.2	58.0	59.2	59.4	60.0	60.4	60.4	60.9	60.9	61.0	61.4
≥ 20000	14.1	46.2	52.2	56.8	60.5	62.6	64.7	65.8	66.0	66.8	67.3	67.3	67.8	67.8	68.0	68.3
IV 18000	14.2	46.3	52.4	57.0	60.7	62.9	64.9	66.0	66.3	67.0	67.5	67.5	68.0	68.0	68.2	68.5
IV 16000	14.3	46.5	52.6	57.1	60.9	63.0	65.0	66.2	66.4	67.2	67.7	67.7	68.2	68.2	68.3	68.7
IV 14000	14.6	47.0	53.2	57.8	61.6	63.8	65.8	67.0	67.2	68.0	68.4	68.5	68.9	69.0	69.1	69.4
IV 12000	15.8	49.5	55.9	60.9	64.8	67.2	69.2	70.4	70.6	71.4	71.9	71.9	72.4	72.4	72.6	72.9
IV 10000	17.1	53.2	60.2	65.6	69.7	72.2	74.3	75.6	75.8	76.6	77.1	77.2	77.6	77.7	77.8	78.1
IV 9000	17.4	54.4	61.5	66.9	71.0	73.5	75.7	77.0	77.2	78.0	78.5	78.6	79.0	79.1	79.2	79.5
IV 8000	18.0	56.5	64.0	69.7	73.8	76.5	78.7	80.1	80.3	81.2	81.7	81.7	82.2	82.2	82.3	82.7
IV 7000	18.3	57.8	65.3	71.3	75.7	78.5	80.7	82.1	82.4	83.3	83.7	83.8	84.2	84.3	84.4	84.7
IV 6000	18.5	58.5	66.0	72.1	76.6	79.4	81.6	83.0	83.3	84.1	84.6	84.7	85.1	85.2	85.3	85.6
IV 5000	18.7	59.2	66.9	73.0	77.7	80.4	82.8	84.3	84.6	85.5	86.0	86.0	86.5	86.5	86.7	87.0
IV 4500	18.8	59.6	67.2	73.5	78.2	80.9	83.3	84.8	85.1	86.0	86.5	86.5	87.0	87.0	87.1	87.5
IV 4000	18.9	60.4	68.2	74.5	79.2	82.1	84.4	86.0	86.3	87.2	87.7	87.8	88.2	88.3	88.4	88.8
IV 3500	19.0	60.7	68.5	74.9	79.8	82.7	85.0	86.6	86.9	87.9	88.4	88.4	88.9	88.9	89.1	89.4
IV 3000	19.2	61.5	69.5	75.9	81.0	84.0	86.6	88.2	88.5	89.5	90.0	90.0	90.5	90.5	90.6	91.0
IV 2500	19.3	62.0	70.1	76.6	81.7	84.8	87.4	89.0	89.3	90.3	90.8	90.9	91.4	91.4	91.5	91.9
IV 2000	19.6	62.6	70.8	77.6	82.8	85.9	88.5	90.2	90.5	91.5	92.0	92.1	92.6	92.6	92.7	93.1
IV 1800	19.7	62.8	71.0	77.8	83.0	86.1	88.7	90.4	90.7	91.7	92.2	92.3	92.8	92.8	93.0	93.3
IV 1500	19.7	63.1	71.4	78.2	83.4	86.5	89.2	90.9	91.2	92.2	92.7	92.8	93.3	93.3	93.4	93.8
IV 1200	19.7	63.6	72.0	78.9	84.3	87.4	90.0	91.7	92.0	93.1	93.6	93.7	94.2	94.2	94.3	94.7
IV 1000	19.8	64.1	72.6	79.6	85.0	88.1	90.8	92.5	92.8	93.9	94.4	94.4	94.9	95.0	95.1	95.5
IV 900	19.8	64.2	72.8	79.7	85.1	88.3	91.0	92.7	93.0	94.1	94.6	94.7	95.1	95.2	95.3	95.7
IV 800	19.8	64.5	73.1	80.0	85.4	88.6	91.3	93.0	93.3	94.5	95.0	95.0	95.5	95.6	95.8	96.2
IV 700	19.9	64.7	73.3	80.2	85.7	88.9	91.7	93.5	93.8	94.9	95.4	95.5	96.0	96.0	96.3	96.6
IV 600	19.9	64.8	73.5	80.5	86.0	89.3	92.2	94.0	94.3	95.5	96.0	96.1	96.6	96.6	96.9	97.3
IV 500	19.9	64.9	73.6	80.8	86.4	89.8	92.7	94.6	94.9	96.2	96.7	96.7	97.3	97.3	97.6	98.0
IV 400	19.9	65.0	73.9	81.1	86.9	90.2	93.2	95.2	95.5	96.8	97.4	97.4	98.0	98.1	98.3	98.8
IV 300	19.9	65.0	73.9	81.1	86.9	90.2	93.3	95.4	95.7	97.1	97.6	97.7	98.3	98.4	98.7	99.2
IV 200	19.9	65.0	73.9	81.1	86.9	90.2	93.3	95.4	95.7	97.1	97.7	97.7	98.5	98.5	98.7	99.4
IV 100	19.9	65.0	73.9	81.1	86.9	90.2	93.3	95.4	95.7	97.1	97.7	97.7	98.5	98.5	98.7	99.4
IV 0	19.9	65.0	73.9	81.1	86.9	90.2	93.3	95.4	95.7	97.1	97.7	97.7	98.5	98.5	98.7	99.4

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45, 50-72  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	22.6 26.1	53.6 60.9	57.0 64.5	58.8 66.5	59.1 66.8	59.4 67.1	59.5 67.2	59.5 67.2	59.5 67.2	59.5 67.2	59.5 67.2	59.5 67.2	59.5 67.2	59.5 67.2	59.5 67.2	59.5 67.2
IV 18000 16000	20.2 26.2	61.1 61.4	64.8 65.1	66.8 67.1	67.1 67.5	67.4 67.8	67.5 67.9	67.5 67.9	67.5 67.9	67.5 67.9	67.5 67.9	67.5 67.9	67.5 67.9	67.5 67.9	67.5 67.9	67.5 67.9
IV 14000 12000	26.8 28.0	62.6 64.7	66.3 68.5	68.3 70.6	68.7 71.0	69.0 71.4	69.1 71.5	69.1 71.5	69.1 71.5	69.1 71.5	69.1 71.5	69.1 71.5	69.1 71.5	69.1 71.5	69.1 71.5	69.1 71.5
IV 10000 9000	29.4 29.4	67.2 68.3	71.2 72.3	73.3 74.4	73.8 74.9	74.1 75.3	74.2 75.3	74.2 75.3	74.2 75.3	74.2 75.3	74.2 75.3	74.2 75.3	74.2 75.3	74.2 75.3	74.2 75.3	74.2 75.3
IV 8000 7000	30.0 30.1	70.1 71.1	74.4 75.5	76.7 77.9	77.3 78.4	77.7 78.9	77.8 79.0	77.8 79.0	77.8 79.0	77.8 79.0	77.8 79.0	77.8 79.0	77.8 79.0	77.8 79.0	77.8 79.0	77.8 79.0
IV 6000 5000	30.2 30.5	71.5 72.4	75.8 76.9	78.3 79.4	78.9 80.0	79.4 80.7	79.6 80.8	79.6 80.8	79.6 80.8	79.6 80.8	79.6 80.8	79.6 80.8	79.6 80.8	79.6 80.8	79.6 80.8	79.6 80.8
IV 4500 4000	30.9 31.4	72.9 74.1	77.5 78.7	79.9 81.3	80.6 81.9	81.3 82.6	81.4 82.7	81.4 82.8	81.4 82.8	81.4 82.8	81.4 82.8	81.4 82.8	81.4 82.8	81.4 82.8	81.4 82.8	81.4 82.8
IV 3500 3000	31.9 33.2	75.4 78.4	80.2 83.5	82.8 86.1	83.5 86.9	84.2 87.6	84.3 87.7	84.4 87.8	84.4 87.8	84.4 87.8	84.4 87.8	84.4 87.8	84.4 87.8	84.4 87.8	84.4 87.8	84.4 87.8
IV 2500 2000	34.2 35.0	80.3 82.4	85.5 87.7	88.2 90.4	88.9 91.1	89.7 91.9	89.8 92.0	89.9 92.1	89.9 92.1	89.9 92.1	89.9 92.1	89.9 92.1	89.9 92.1	89.9 92.1	89.9 92.1	89.9 92.1
IV 1800 1500	35.1 35.4	82.9 83.9	88.2 89.4	91.0 92.2	91.8 93.0	92.5 93.8	92.6 93.9	92.7 94.0	92.7 94.0	92.8 94.0	92.8 94.0	92.8 94.0	92.8 94.0	92.8 94.0	92.8 94.0	92.8 94.0
IV 1200 1000	35.5 35.7	85.0 85.9	90.6 91.8	93.6 94.8	94.5 95.8	95.3 96.7	95.4 96.9	95.5 97.1	95.5 97.1	95.6 97.2	95.6 97.2	95.6 97.2	95.6 97.2	95.7 97.3	95.7 97.3	95.7 97.3
IV 900 800	35.7 35.7	86.0 86.3	92.0 92.3	95.2 95.7	96.2 96.7	97.1 97.7	97.3 97.9	97.6 98.2	97.6 98.2	97.6 98.3	97.6 98.3	97.6 98.3	97.6 98.3	97.7 98.4	97.7 98.4	97.7 98.4
IV 700 600	35.7 35.7	86.5 86.5	92.5 92.6	95.9 96.1	96.9 97.4	98.0 98.4	98.3 98.7	98.6 99.1	98.6 99.1	98.7 99.2	98.7 99.2	98.7 99.2	98.7 99.2	98.8 99.3	98.8 99.3	98.8 99.3
IV 500 400	35.7 35.7	86.6 86.6	92.8 92.9	96.4 96.4	97.7 97.8	98.8 98.9	99.2 99.3	99.6 99.7	99.6 99.7	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.9 99.9	99.9 99.9	99.9 99.9
IV 300 200	35.7 35.7	86.6 86.6	92.9 92.9	96.5 96.5	97.8 97.8	98.9 98.9	99.3 99.3	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 0	35.7 35.7	86.6 86.6	92.9 92.9	96.5 96.5	97.8 97.8	98.9 98.9	99.3 99.3	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 2417

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.3	46.6	48.4	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	26.3	56.6	58.0	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 18000	26.3	56.2	58.2	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 16000	26.6	56.6	58.6	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
IV 14000	27.3	57.7	59.6	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 12000	28.1	59.2	61.3	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 10000	29.2	62.0	64.2	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 9000	29.4	63.0	65.3	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 8000	30.1	65.0	67.5	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 7000	30.4	65.8	68.4	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 6000	30.7	66.2	68.9	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 5000	31.6	67.6	70.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 4500	33.0	69.5	72.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 4000	34.4	72.5	75.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 3500	36.2	76.2	79.6	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 3000	40.4	83.2	86.9	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 2500	42.6	87.3	91.2	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 2000	43.2	88.9	93.2	94.7	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1800	43.2	89.5	93.8	95.4	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1500	43.7	90.5	94.9	96.6	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1200	43.8	91.3	95.9	97.7	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1000	43.8	91.7	96.3	98.1	98.5	98.6	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	43.9	91.7	96.4	98.1	98.6	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2
IV 800	43.9	91.7	96.4	98.1	98.6	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	43.9	91.7	96.4	98.2	98.6	98.9	99.0	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4
IV 600	43.9	91.7	96.4	98.2	98.6	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
IV 500	43.9	91.8	96.4	98.4	98.8	99.2	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IV 400	43.9	91.8	96.4	98.4	98.9	99.2	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV 300	43.9	91.8	96.4	98.4	98.9	99.2	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0
IV 200	43.9	91.8	96.4	98.4	98.9	99.3	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
IV 100	43.9	91.8	96.4	98.4	98.9	99.3	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
IV 0	43.9	91.8	96.4	98.4	98.9	99.3	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2411

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.9	50.6	52.3	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 20000	31.2	63.7	65.8	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 18000	31.4	63.9	66.0	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 16000	31.7	64.3	66.4	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 14000	32.8	65.9	68.1	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 12000	34.5	68.6	70.8	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 10000	35.7	71.4	73.9	75.0	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 9000	35.8	72.1	74.6	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 8000	36.8	74.4	77.1	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 7000	37.1	76.0	78.8	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 6000	37.5	76.6	79.4	80.7	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 5000	37.9	78.2	81.2	82.5	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 4500	38.6	79.9	82.9	84.2	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 4000	40.0	82.4	85.6	87.1	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 3500	41.6	85.0	88.3	89.8	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 3000	43.9	88.9	92.5	94.1	94.5	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 2500	44.7	90.8	94.5	96.2	96.6	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 2000	45.0	91.9	95.7	97.4	97.9	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1800	45.1	91.9	95.8	97.5	98.0	98.1	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	45.1	92.4	96.3	98.1	98.6	98.7	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	45.2	92.6	96.4	98.3	98.8	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	45.3	92.8	96.7	98.6	99.1	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IV 900	45.3	92.8	96.7	98.6	99.1	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 800	45.3	92.9	96.7	98.7	99.2	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 700	45.3	92.9	96.7	98.7	99.2	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 600	45.3	92.9	96.7	98.7	99.2	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 500	45.3	92.9	96.7	98.7	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 400	45.3	92.9	96.7	98.7	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 300	45.3	92.9	96.7	98.7	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	45.3	92.9	96.7	98.7	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	45.3	92.9	96.7	98.7	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	45.3	92.9	96.7	98.7	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2408

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45.50-72  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.9	57.5	60.0	61.8	62.7	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 20000	29.0	69.2	72.4	74.4	75.4	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 18000	29.0	69.2	72.4	74.4	75.4	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 16000	29.2	69.6	72.8	74.7	75.7	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 14000	29.7	70.1	73.5	75.5	76.5	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 12000	31.0	72.8	76.4	78.4	79.5	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 10000	31.9	76.0	80.1	82.1	83.3	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 9000	32.5	76.9	81.1	83.2	84.5	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 8000	33.4	79.8	84.5	86.7	88.0	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 7000	33.6	81.0	85.8	88.2	89.5	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 6000	33.8	81.7	86.6	89.0	90.3	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 5000	34.1	82.8	88.0	90.3	91.7	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 4500	34.2	83.5	88.6	90.9	92.4	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 4000	34.6	84.6	89.8	92.2	93.7	94.0	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
IV 3500	34.8	84.9	90.2	92.6	94.1	94.4	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
IV 3000	35.1	86.5	92.2	94.6	96.1	96.4	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
IV 2500	35.4	87.3	93.1	95.5	97.1	97.4	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
IV 2000	35.4	88.0	93.8	96.2	97.8	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
IV 1800	35.4	88.0	93.9	96.2	97.9	98.3	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500	35.4	88.1	94.0	96.5	98.0	98.4	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	35.5	88.2	94.1	96.6	98.1	98.5	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.3
IV 1000	35.5	88.2	94.1	96.6	98.3	98.6	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5
IV 900	35.5	88.2	94.1	96.6	98.3	98.7	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	35.5	88.2	94.2	96.7	98.3	98.7	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6
IV 700	35.5	88.2	94.2	96.7	98.3	98.8	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8
IV 600	35.5	88.2	94.2	96.7	98.4	98.8	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
IV 500	35.5	88.2	94.2	96.7	98.4	98.9	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV 400	35.5	88.2	94.2	96.7	98.4	98.9	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV 300	35.5	88.2	94.2	96.7	98.4	98.9	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV 200	35.5	88.2	94.2	96.7	98.4	98.9	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV 100	35.5	88.2	94.2	96.7	98.4	98.9	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
IV 0	35.5	88.2	94.2	96.7	98.5	99.0	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2408

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45, 50-72  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	19.8	64.1	69.1	71.1	72.3	72.9	73.3	73.4	73.4	73.5	73.6	73.6	73.6	73.7	73.7	73.7
≥ 20000	21.4	70.4	76.0	78.1	79.5	80.0	80.4	80.5	80.5	80.7	80.7	80.7	80.8	80.8	80.9	80.9
IV 18000	21.4	70.4	76.0	78.1	79.5	80.0	80.4	80.5	80.5	80.7	80.7	80.7	80.8	80.8	80.9	80.9
IV 16000	21.4	70.4	76.0	78.1	79.5	80.1	80.4	80.6	80.6	80.7	80.7	80.8	80.8	80.9	80.9	80.9
IV 14000	21.7	70.7	76.6	78.7	80.1	80.7	81.0	81.2	81.2	81.3	81.3	81.4	81.4	81.4	81.5	81.5
IV 12000	22.2	72.5	78.5	80.6	82.1	82.6	83.0	83.1	83.1	83.3	83.3	83.4	83.4	83.4	83.5	83.5
IV 10000	22.8	74.9	81.2	83.5	85.1	85.6	86.0	86.1	86.1	86.3	86.3	86.3	86.4	86.4	86.5	86.5
IV 9000	23.0	75.6	81.9	84.3	85.9	86.5	86.8	87.0	87.0	87.1	87.1	87.2	87.2	87.3	87.3	87.3
IV 8000	23.6	77.5	83.9	86.6	88.2	88.9	89.3	89.4	89.4	89.5	89.6	89.6	89.7	89.7	89.7	89.7
IV 7000	23.8	78.8	85.5	88.2	90.0	90.7	91.0	91.2	91.2	91.3	91.3	91.4	91.4	91.4	91.5	91.5
IV 6000	24.0	79.3	86.0	88.8	90.5	91.2	91.6	91.7	91.7	91.9	91.9	91.9	92.0	92.0	92.1	92.1
IV 5000	24.2	80.2	86.9	89.8	91.6	92.3	92.7	92.8	92.8	92.9	93.0	93.0	93.1	93.1	93.2	93.2
IV 4500	24.3	80.5	87.3	90.3	92.0	92.8	93.2	93.3	93.3	93.4	93.4	93.5	93.5	93.6	93.6	93.6
IV 4000	24.3	81.6	88.5	91.6	93.3	94.1	94.4	94.6	94.6	94.7	94.7	94.8	94.8	94.9	94.9	94.9
IV 3500	24.5	82.0	88.9	92.1	93.8	94.6	95.0	95.1	95.1	95.3	95.3	95.4	95.4	95.4	95.5	95.5
IV 3000	24.9	83.1	90.1	93.3	95.2	95.9	96.4	96.5	96.5	96.6	96.6	96.7	96.7	96.8	96.8	96.8
IV 2500	25.1	83.6	90.7	94.0	96.1	96.8	97.3	97.4	97.4	97.6	97.6	97.7	97.7	97.8	97.8	97.8
IV 2000	25.1	84.1	91.4	94.7	96.9	97.6	98.1	98.3	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6
IV 1800	25.1	84.1	91.4	94.7	96.9	97.6	98.1	98.3	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6
IV 1500	25.1	84.1	91.4	94.8	97.0	97.8	98.3	98.4	98.4	98.6	98.6	98.7	98.7	98.8	98.8	98.8
IV 1200	25.1	84.1	91.5	94.9	97.1	97.9	98.5	98.6	98.6	98.8	98.8	98.8	98.9	98.9	99.0	99.0
IV 1000	25.1	84.3	91.7	95.1	97.3	98.0	98.7	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.2	99.2
IV 900	25.1	84.3	91.7	95.1	97.3	98.1	98.8	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.3	99.3
IV 800	25.1	84.3	91.7	95.1	97.3	98.1	98.8	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.3	99.3
IV 700	25.1	84.3	91.7	95.1	97.4	98.2	98.8	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3
IV 600	25.1	84.4	91.8	95.3	97.7	98.5	99.2	99.3	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7
IV 500	25.1	84.4	91.8	95.3	97.8	98.5	99.3	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8
IV 400	25.1	84.4	91.8	95.4	97.8	98.6	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8
IV 300	25.1	84.4	91.8	95.4	97.8	98.6	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
IV 200	25.1	84.4	91.8	95.4	97.9	98.7	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9
IV 100	25.1	84.4	91.8	95.4	97.9	98.7	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0
IV 0	25.1	84.4	91.8	95.4	97.9	98.7	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2409

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45.50-71  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.9	60.9	66.1	68.7	70.4	70.4	71.1	71.5	71.5	72.0	72.0	72.0	72.4	72.4	72.7	73.2
IV 20000	16.0	63.8	69.2	72.0	73.7	73.7	74.5	74.8	74.8	75.3	75.4	75.4	75.7	75.8	76.1	76.6
IV 18000	16.0	63.8	69.2	72.0	73.7	73.7	74.5	74.8	74.8	75.3	75.4	75.4	75.7	75.8	76.1	76.6
IV 16000	16.2	64.0	69.4	72.1	73.9	73.9	74.7	75.0	75.0	75.5	75.6	75.6	75.9	76.0	76.3	76.8
IV 14000	16.2	64.3	69.7	72.4	74.2	74.2	75.0	75.3	75.3	75.8	75.9	75.9	76.2	76.3	76.6	77.1
IV 12000	17.5	66.2	72.0	74.8	76.5	76.5	77.4	77.7	77.7	78.2	78.3	78.3	78.6	78.7	78.9	79.5
IV 10000	18.6	69.1	75.1	78.1	80.0	80.0	80.9	81.2	81.2	81.7	81.8	81.8	82.1	82.2	82.5	83.0
IV 9000	18.7	69.8	75.8	78.9	80.7	80.7	81.6	81.9	81.9	82.4	82.5	82.5	82.9	82.9	83.2	83.7
IV 8000	18.7	71.4	77.5	80.7	82.5	82.5	83.4	83.7	83.7	84.2	84.4	84.4	84.7	84.8	85.0	85.6
IV 7000	19.1	72.5	79.3	82.6	84.5	84.5	85.4	85.7	85.7	86.2	86.3	86.3	86.6	86.7	87.0	87.5
IV 6000	19.1	73.2	79.9	83.3	85.4	85.4	86.3	86.6	86.6	87.1	87.3	87.3	87.6	87.7	87.9	88.5
IV 5000	19.2	74.0	80.9	84.5	86.6	86.6	87.5	87.8	87.8	88.3	88.5	88.5	88.8	88.9	89.1	89.7
IV 4500	19.2	74.5	81.4	85.0	87.2	87.2	88.2	88.5	88.5	89.0	89.1	89.1	89.4	89.5	89.8	90.3
IV 4000	19.8	75.4	82.4	86.1	88.4	88.4	89.4	89.7	89.7	90.2	90.3	90.3	90.6	90.7	91.0	91.5
IV 3500	19.9	76.2	83.3	87.0	89.4	89.4	90.4	90.7	90.7	91.2	91.3	91.3	91.6	91.7	92.0	92.5
IV 3000	20.1	77.4	84.8	88.7	91.1	91.2	92.2	92.5	92.5	93.0	93.1	93.1	93.4	93.5	93.8	94.3
IV 2500	20.2	78.0	85.4	89.4	92.0	92.0	93.1	93.4	93.4	93.9	94.0	94.0	94.3	94.4	94.7	95.2
IV 2000	20.4	78.5	86.2	90.2	92.8	92.8	93.9	94.3	94.3	94.7	94.9	94.9	95.2	95.3	95.5	96.1
IV 1800	20.4	78.7	86.3	90.3	92.9	93.0	94.1	94.4	94.4	94.9	95.0	95.0	95.3	95.4	95.7	96.2
IV 1500	20.5	78.9	86.8	90.8	93.5	93.5	94.6	94.9	94.9	95.4	95.5	95.5	95.9	95.9	96.2	96.7
IV 1200	20.5	79.2	87.1	91.1	93.8	93.9	95.0	95.3	95.3	95.8	95.9	95.9	96.2	96.3	96.6	97.1
IV 1000	20.5	79.4	87.3	91.4	94.1	94.3	95.4	95.7	95.7	96.3	96.4	96.4	96.8	96.9	97.2	97.7
IV 900	20.5	79.4	87.4	91.5	94.2	94.4	95.5	95.9	95.9	96.4	96.6	96.6	96.9	97.0	97.3	97.8
IV 800	20.5	79.5	87.6	91.7	94.4	94.6	95.8	96.1	96.1	96.7	96.8	96.8	97.2	97.2	97.5	98.0
IV 700	20.5	79.5	87.6	91.7	94.6	94.7	95.9	96.2	96.2	96.8	96.9	96.9	97.3	97.4	97.6	98.2
IV 600	20.5	79.5	87.7	91.8	94.7	94.9	96.0	96.6	96.6	97.2	97.4	97.4	97.7	97.8	98.1	98.6
IV 500	20.5	79.5	87.7	91.9	94.8	95.0	96.3	96.8	96.8	97.4	97.6	97.6	98.0	98.0	98.3	98.8
IV 400	20.6	79.6	87.8	92.0	95.1	95.2	96.6	97.1	97.1	97.7	97.9	97.9	98.3	98.4	98.6	99.2
IV 300	20.6	79.6	87.9	92.1	95.2	95.5	96.8	97.4	97.4	98.0	98.2	98.2	98.5	98.6	98.9	99.5
IV 200	20.6	79.7	88.0	92.3	95.4	95.6	96.9	97.5	97.5	98.2	98.4	98.4	98.7	98.8	99.1	99.7
IV 100	20.6	79.7	88.0	92.3	95.4	95.6	96.9	97.5	97.5	98.2	98.4	98.4	98.7	98.8	99.1	99.7
IV 0	20.6	79.7	88.0	92.3	95.4	95.6	96.9	97.5	97.5	98.2	98.4	98.4	98.7	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2246



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45, 50-71  
YEARS

SEP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.8	49.0	55.2	59.1	62.8	63.4	64.9	65.4	65.5	66.2	66.6	66.6	67.4	67.5	68.0	69.1
≥ 20000	12.2	52.0	58.5	62.4	66.3	67.0	68.4	69.0	69.1	69.8	70.1	70.1	70.9	71.1	71.5	72.7
IV 18000	12.2	52.0	58.5	62.4	66.3	67.0	68.4	69.0	69.1	69.8	70.1	70.1	70.9	71.1	71.5	72.7
IV 16000	12.3	52.1	58.6	62.6	66.5	67.1	68.6	69.1	69.2	69.9	70.3	70.3	71.1	71.2	71.7	72.8
IV 14000	12.4	52.5	59.0	62.9	66.8	67.5	68.9	69.5	69.5	70.3	70.6	70.6	71.4	71.5	72.0	73.2
IV 12000	13.0	54.3	61.0	64.9	68.8	69.5	71.1	71.6	71.7	72.4	72.8	72.8	73.6	73.7	74.2	75.3
IV 10000	13.8	56.9	64.0	68.1	72.1	72.8	74.4	74.9	75.0	75.7	76.1	76.1	76.9	77.1	77.6	78.7
IV 9000	13.8	57.8	65.0	69.1	73.1	73.8	75.3	75.9	76.0	76.7	77.1	77.1	77.9	78.0	78.5	79.7
IV 8000	14.2	59.9	67.4	71.6	75.7	76.4	78.0	78.5	78.6	79.4	79.7	79.7	80.6	80.7	81.2	82.4
IV 7000	14.3	60.8	68.7	73.1	77.2	78.0	79.5	80.1	80.2	81.0	81.3	81.3	82.2	82.3	82.8	84.0
IV 6000	14.3	61.6	69.5	74.0	78.2	78.9	80.5	81.1	81.2	82.0	82.3	82.3	83.2	83.3	83.8	85.0
IV 5000	14.5	62.4	70.4	75.1	79.3	80.1	81.6	82.2	82.3	83.1	83.5	83.5	84.3	84.5	85.0	86.1
IV 4500	14.6	62.6	70.7	75.6	79.8	80.6	82.2	82.8	82.9	83.7	84.1	84.1	84.9	85.0	85.5	86.7
IV 4000	14.9	63.4	71.6	76.6	80.9	81.8	83.4	84.1	84.2	85.0	85.4	85.4	86.3	86.4	86.9	88.1
IV 3500	15.0	63.7	72.0	77.2	81.5	82.5	84.1	84.8	84.9	85.8	86.1	86.1	87.0	87.1	87.6	88.8
IV 3000	15.4	64.8	73.3	78.6	83.0	84.0	85.8	86.4	86.5	87.4	87.8	87.8	88.6	88.8	89.3	90.4
IV 2500	15.5	65.5	74.2	79.6	84.2	85.2	87.0	87.6	87.7	88.6	89.0	89.0	89.8	90.0	90.5	91.6
IV 2000	15.7	66.7	75.5	81.0	85.7	86.6	88.6	89.3	89.4	90.3	90.7	90.7	91.5	91.7	92.2	93.3
IV 1800	15.7	66.8	75.7	81.3	85.9	86.9	88.8	89.5	89.6	90.5	90.9	90.9	91.8	91.9	92.4	93.6
IV 1500	15.7	67.2	76.3	81.8	86.5	87.5	89.4	90.1	90.2	91.1	91.5	91.5	92.4	92.5	93.0	94.2
IV 1200	15.8	67.7	76.9	82.5	87.3	88.3	90.3	91.0	91.1	92.0	92.4	92.4	93.3	93.4	93.9	95.1
IV 1000	15.8	68.2	77.4	83.2	87.9	88.9	91.1	91.9	92.0	92.9	93.3	93.3	94.2	94.3	94.8	96.0
IV 900	15.9	68.3	77.5	83.3	88.1	89.1	91.3	92.2	92.3	93.2	93.5	93.5	94.5	94.6	95.1	96.3
IV 800	15.9	68.5	77.8	83.7	88.5	89.4	91.8	92.6	92.7	93.6	94.0	94.0	94.9	95.1	95.5	96.7
IV 700	15.9	68.6	77.8	83.8	88.7	89.7	92.0	92.9	93.0	93.9	94.3	94.3	95.2	95.3	95.8	97.1
IV 600	15.9	68.7	77.9	83.9	88.8	89.8	92.2	93.1	93.2	94.1	94.5	94.5	95.1	95.5	96.0	97.3
IV 500	15.9	68.7	78.0	84.0	89.0	90.0	92.7	93.6	93.7	94.7	95.0	95.0	96.0	96.1	96.6	97.9
IV 400	15.9	68.8	78.4	84.5	89.6	90.6	93.4	94.3	94.3	95.5	95.8	95.8	96.8	97.0	97.5	98.8
IV 300	15.9	68.8	78.5	84.6	89.7	90.8	93.6	94.7	94.8	95.8	96.2	96.2	97.2	97.3	97.9	99.2
IV 200	15.9	68.8	78.5	84.6	89.8	90.9	93.8	94.8	95.0	96.0	96.3	96.3	97.4	97.5	98.1	99.5
IV 100	15.9	68.8	78.5	84.6	89.8	90.9	93.8	94.8	95.0	96.0	96.3	96.3	97.4	97.5	98.2	99.6
IV 0	15.9	68.8	78.5	84.6	89.8	90.9	93.8	94.8	95.0	96.0	96.3	96.3	97.4	97.5	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2246



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FJRT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-71  
YEARS

SEP  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	13.2	39.0	44.0	47.5	50.0	51.4	53.2	54.0	54.1	54.7	55.0	55.0	55.3	55.4	55.6	55.8
≥ 20000	14.1	41.1	47.6	51.2	54.1	55.7	57.6	58.5	58.7	59.4	59.7	59.7	60.1	60.2	60.4	60.8
IV 18000	14.2	41.2	47.7	51.3	54.2	55.7	57.7	58.6	58.8	59.5	59.8	59.8	60.2	60.2	60.5	60.9
16000	4.2	41.2	47.8	51.4	54.3	55.8	57.7	58.7	58.9	59.6	59.9	59.9	60.2	60.3	60.6	61.0
IV 14000	14.6	42.1	48.7	52.4	55.3	56.9	58.8	59.8	60.0	60.7	61.0	61.0	61.4	61.5	61.8	62.1
12000	15.4	44.0	50.9	54.7	57.7	59.3	61.3	62.4	62.5	63.3	63.6	63.6	64.0	64.1	64.3	64.7
IV 10000	15.9	47.6	55.0	59.1	62.3	64.0	66.0	67.1	67.2	68.1	68.4	68.4	68.8	68.9	69.1	69.5
9000	16.4	49.2	56.6	60.7	64.0	65.8	67.8	68.9	69.0	69.9	70.2	70.2	70.6	70.7	70.9	71.3
IV 8000	17.2	51.8	59.7	63.9	67.3	69.1	71.2	72.4	72.5	73.3	73.7	73.7	74.0	74.1	74.4	74.8
7000	17.5	53.0	61.1	65.6	69.1	70.9	73.1	74.2	74.4	75.2	75.6	75.6	76.0	76.0	76.3	76.7
IV 6000	17.7	54.2	62.3	66.9	70.3	72.2	74.5	75.6	75.7	76.6	77.0	77.0	77.4	77.5	77.7	78.1
5000	17.8	55.5	63.8	68.5	72.1	74.1	76.4	77.5	77.6	78.5	78.9	78.9	79.3	79.4	79.7	80.0
IV 4500	17.8	55.8	64.1	68.8	72.5	74.5	76.9	78.0	78.1	79.0	79.4	79.4	79.8	79.9	80.1	80.5
4000	18.0	56.6	65.0	69.9	74.0	76.0	78.5	79.6	79.7	80.6	81.0	81.0	81.4	81.5	81.7	82.1
IV 3500	18.1	56.9	65.4	70.4	74.7	76.7	79.2	80.3	80.4	81.3	81.7	81.7	82.1	82.1	82.4	82.8
3000	18.5	58.1	66.9	72.0	76.6	78.7	81.2	82.4	82.6	83.5	83.9	83.9	84.2	84.3	84.6	85.0
IV 2500	18.9	59.4	68.4	73.6	78.5	80.5	83.2	84.5	84.6	85.6	86.0	86.0	86.3	86.4	86.7	87.0
2000	19.0	60.0	69.2	74.5	79.4	81.5	84.2	85.5	85.7	86.6	87.0	87.1	87.4	87.5	87.8	88.2
IV 1800	19.1	60.5	69.9	75.2	80.1	82.2	85.0	86.2	86.4	87.4	87.8	87.8	88.2	88.3	88.6	88.9
1500	19.2	61.0	70.6	76.0	81.0	83.1	85.9	87.3	87.5	88.5	88.9	89.0	89.4	89.5	89.8	90.1
IV 1200	19.5	62.0	71.8	77.2	82.4	84.6	87.5	88.8	89.0	90.0	90.5	90.5	91.0	91.1	91.3	91.7
1000	19.5	62.8	72.8	78.4	83.7	86.1	89.0	90.5	90.7	91.7	92.2	92.2	92.7	92.7	93.0	93.4
IV 900	19.5	63.3	73.3	78.9	84.3	86.7	89.7	91.2	91.5	92.6	93.1	93.1	93.6	93.7	93.9	94.3
800	19.6	63.8	73.9	79.7	85.1	87.6	90.7	92.3	92.6	93.8	94.3	94.5	95.0	95.1	95.4	95.8
IV 700	19.6	63.9	74.0	79.9	85.4	88.0	91.1	92.9	93.1	94.5	95.1	95.2	95.7	95.8	96.1	96.5
600	19.6	63.9	74.1	80.1	85.7	88.3	91.5	93.3	93.5	94.9	95.5	95.6	96.2	96.3	96.6	97.0
IV 500	19.6	64.0	74.3	80.3	86.0	88.7	92.1	94.0	94.3	95.7	96.4	96.6	97.1	97.2	97.6	98.0
400	19.6	64.0	74.3	80.3	86.2	88.9	92.3	94.2	94.6	96.1	96.9	97.0	97.6	97.7	98.0	98.6
IV 300	19.6	64.1	74.3	80.4	86.3	89.0	92.4	94.4	94.7	96.3	97.1	97.2	97.8	98.0	98.4	98.9
200	19.6	64.1	74.4	80.4	86.4	89.1	92.6	94.6	95.0	96.8	97.7	97.8	98.5	98.7	99.1	99.7
IV 100	19.6	64.1	74.4	80.4	86.4	89.1	92.6	94.6	95.0	96.8	97.7	97.8	98.5	98.7	99.2	99.9
0	19.6	64.1	74.4	80.4	86.4	89.1	92.6	94.6	95.0	96.8	97.7	97.8	98.6	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-71  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.7	53.1	55.2	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 20000	29.4	58.1	60.2	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 18000	29.4	58.2	60.2	61.1	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 16000	29.5	58.2	60.4	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 14000	29.5	59.2	61.3	62.2	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 12000	31.2	61.3	63.6	64.7	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 10000	32.6	65.1	67.6	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 9000	33.1	66.4	69.0	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 8000	33.4	68.3	71.1	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 7000	33.6	69.5	72.3	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 6000	33.8	70.7	73.7	75.4	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 5000	33.9	72.3	75.5	77.2	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 4500	33.9	72.5	75.7	77.5	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 4000	33.9	73.6	76.9	78.7	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 3500	34.7	74.8	78.1	79.9	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 3000	35.7	76.8	80.3	82.5	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 2500	36.6	78.5	82.0	84.3	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 2000	37.0	80.3	84.0	86.3	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 1800	37.2	81.4	84.9	87.2	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 1500	37.7	83.0	87.2	89.6	90.6	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 1200	38.2	84.9	89.2	91.8	93.0	93.2	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 1000	38.3	85.8	90.3	93.3	94.4	94.7	94.7	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 900	38.3	86.1	90.7	93.9	95.1	95.5	95.6	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 800	38.4	86.4	91.2	94.4	95.8	96.4	96.6	96.8	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3
IV 700	38.4	86.5	91.6	94.9	96.3	97.1	97.5	97.7	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 600	38.4	86.6	91.7	95.1	96.6	97.4	97.9	98.1	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7
IV 500	38.4	86.7	91.9	95.4	97.0	97.8	98.4	98.7	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	38.4	86.7	91.9	95.4	97.0	97.9	98.5	98.8	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6
IV 300	38.4	86.7	91.9	95.4	97.1	98.0	98.6	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	38.4	86.7	91.9	95.4	97.1	98.0	98.7	99.1	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	38.5	86.7	91.9	95.5	97.1	98.1	98.7	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	38.5	86.7	91.9	95.5	97.1	98.1	98.7	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2242

USAF ETAC

FORM  
JUL 64

0-14-5(OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

12806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-71  
YEARS

SEP  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.3	50.4	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.8	50.8	50.8	50.8
≥ 20000	32.6	57.4	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 18000	32.8	57.7	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 16000	32.9	57.8	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 14000	33.2	58.6	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
IV 12000	34.7	61.0	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 10000	37.0	64.3	64.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 9000	37.2	65.1	65.6	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 8000	37.7	66.9	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 7000	38.3	68.9	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 6000	38.6	69.6	70.5	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 5000	39.0	71.2	72.2	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 4500	39.7	72.4	73.3	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 4000	40.7	74.4	75.4	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 3500	41.8	77.1	78.1	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1
IV 3000	44.6	82.8	83.9	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 2500	46.3	86.0	87.8	88.9	89.1	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
IV 2000	47.2	89.3	90.8	92.3	92.5	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1800	47.6	90.1	91.9	93.5	93.7	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 1500	47.8	90.7	92.7	94.4	94.7	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1200	48.1	91.0	93.8	95.6	96.0	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1000	48.4	92.5	94.7	96.7	97.2	97.4	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	48.4	92.8	95.0	97.1	97.5	97.8	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 800	48.4	92.8	95.1	97.3	97.8	98.0	98.5	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0
IV 700	48.6	93.0	95.4	97.6	98.1	98.4	98.8	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
IV 600	48.6	93.0	95.5	97.6	98.1	98.4	98.9	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	48.6	93.1	95.7	97.9	98.4	98.7	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV 400	48.6	93.1	95.7	97.9	98.4	98.7	99.2	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0
IV 300	48.6	93.1	95.7	97.9	98.4	98.7	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	48.6	93.1	95.7	97.9	98.4	98.7	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	48.6	93.1	95.7	97.9	98.4	98.7	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	48.6	93.1	95.7	97.9	98.4	98.7	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-71  
YEARS

SEP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.7	54.9	55.5	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 20000	36.8	64.4	65.0	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 18000	37.0	64.7	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 16000	37.2	64.8	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 14000	37.9	66.1	66.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 12000	39.3	68.7	69.4	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 10000	41.7	73.4	74.1	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 8000	42.4	75.0	75.8	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 6000	43.5	77.2	78.1	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 5000	44.0	79.0	80.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 4500	44.1	79.5	80.8	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 4000	44.4	80.7	82.0	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 3500	44.7	81.5	82.8	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 3000	45.4	82.9	84.4	85.6	85.6	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 2500	46.0	84.4	86.0	87.2	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 2000	47.0	87.4	89.3	90.5	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 1800	48.3	89.8	91.9	93.2	93.3	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1500	49.1	90.8	93.5	94.9	95.0	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1200	49.1	91.0	93.7	95.3	95.4	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1000	49.2	91.3	94.1	95.8	96.0	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 900	49.3	91.9	94.8	96.6	96.8	97.0	97.3	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
IV 800	49.4	92.2	95.4	97.2	97.5	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 700	49.4	92.2	95.5	97.3	97.6	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 600	49.5	92.5	95.8	97.6	97.9	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 500	49.5	92.5	96.0	97.8	98.2	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	49.6	92.8	96.3	98.2	98.7	99.1	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	49.6	92.8	96.3	98.2	98.7	99.1	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	49.6	92.8	96.3	98.2	98.7	99.1	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	49.6	92.8	96.3	98.2	98.7	99.1	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	49.6	92.8	96.3	98.2	98.7	99.1	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2250

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
YEARS

SEP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.6	60.5	62.6	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9
≥ 20000	30.2	67.9	70.1	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3
IV 18000	30.2	67.7	70.3	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6
IV 16000	30.5	68.0	70.6	71.4	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9
IV 14000	31.2	69.2	71.8	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1
IV 12000	32.3	71.7	74.4	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9
IV 10000	34.2	76.3	79.2	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8
IV 9000	34.4	77.2	80.1	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7
IV 8000	35.1	79.3	82.3	83.6	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2
IV 7000	35.4	81.1	84.5	85.8	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 6000	35.4	81.0	85.1	86.4	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1
IV 5000	35.7	82.6	86.4	87.7	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5
IV 4500	36.3	83.4	87.2	88.9	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6
IV 4000	36.4	84.8	88.8	90.5	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3
IV 3500	36.7	86.2	90.5	92.3	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.3	93.3
IV 3000	37.0	87.6	92.1	93.9	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0
IV 2500	37.2	88.6	93.2	95.1	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3
IV 2000	37.2	89.7	93.7	95.8	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1
IV 1800	37.2	89.2	93.9	96.0	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.4	97.4
IV 1500	37.3	89.3	94.0	96.2	97.2	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.7	97.8	97.8
IV 1200	37.3	89.4	94.2	96.3	97.4	97.6	97.7	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0
IV 1000	37.3	89.5	94.3	96.6	97.7	97.9	98.0	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4
IV 900	37.3	89.5	94.3	96.7	97.7	98.0	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.5	98.5
IV 800	37.3	89.7	94.6	96.9	98.0	98.4	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9
IV 700	37.3	89.7	94.7	97.1	98.3	98.6	98.8	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IV 600	37.3	89.7	94.8	97.3	98.5	98.8	98.9	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6
IV 500	37.3	89.7	95.0	97.5	98.7	99.0	99.2	99.3	99.3	99.6	99.7	99.7	99.7	99.8	99.9	99.9
IV 400	37.3	89.7	95.1	97.5	98.8	99.1	99.2	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
IV 300	37.3	89.7	95.1	97.5	98.8	99.1	99.2	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	37.3	89.7	95.1	97.5	98.8	99.1	99.2	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	37.3	89.7	95.1	97.5	98.8	99.1	99.2	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	37.3	89.7	95.1	97.5	98.8	99.1	99.2	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2243

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45, 50-72  
YEARS

SEP  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.1	64.4	67.5	69.4	70.1	70.1	70.6	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	71.0
IV 20000	23.5	69.6	73.0	74.9	75.7	75.7	76.2	76.2	76.2	76.5	76.5	76.5	76.6	76.6	76.6	76.7
IV 18000	23.5	69.6	73.1	75.0	75.7	75.7	76.3	76.3	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.7
IV 16000	23.5	69.7	73.1	75.0	75.7	75.7	76.3	76.3	76.3	76.5	76.6	76.6	76.6	76.6	76.7	76.8
IV 14000	23.8	70.3	73.7	75.7	76.4	76.4	76.9	76.9	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.4
IV 12000	24.7	71.9	75.5	77.7	78.5	78.5	79.0	79.0	79.0	79.3	79.3	79.3	79.4	79.4	79.4	79.5
IV 10000	26.2	75.3	79.2	81.7	82.5	82.5	83.0	83.0	83.0	83.3	83.3	83.3	83.4	83.4	83.4	83.5
IV 9000	26.2	76.5	80.5	82.9	83.7	83.7	84.3	84.3	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.7
IV 8000	26.5	78.0	82.2	84.8	85.6	85.6	86.1	86.1	86.1	86.4	86.5	86.5	86.5	86.5	86.5	86.6
IV 7000	26.7	79.5	84.1	86.7	87.6	87.6	88.2	88.2	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.6
IV 6000	26.7	79.9	84.5	87.2	88.0	88.0	88.6	88.6	88.6	88.9	88.9	88.9	89.0	89.0	89.0	89.1
IV 5000	26.7	80.6	85.4	88.3	89.3	89.3	90.0	90.0	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.4
IV 4500	26.8	81.6	86.5	89.4	90.4	90.4	91.0	91.0	91.0	91.3	91.3	91.3	91.4	91.4	91.4	91.5
IV 4000	27.1	82.9	87.7	90.8	91.8	91.8	92.5	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.9
IV 3500	27.3	83.6	88.6	91.8	92.8	92.8	93.5	93.5	93.5	93.8	93.8	93.8	93.9	93.9	93.9	94.0
IV 3000	27.6	85.2	90.5	93.7	94.8	94.8	95.5	95.5	95.5	95.8	95.9	95.9	95.9	95.9	95.9	96.0
IV 2500	27.6	85.9	91.2	94.4	95.5	95.5	96.2	96.2	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.7
IV 2000	27.7	86.1	91.5	94.7	95.8	95.8	96.5	96.5	96.5	96.8	96.9	96.9	96.9	96.9	96.9	97.0
IV 1800	27.7	86.2	91.6	94.8	95.9	95.9	96.6	96.6	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.1
IV 1500	27.7	86.2	91.7	95.0	96.2	96.2	96.9	97.0	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.5
IV 1200	27.7	86.4	91.9	95.2	96.4	96.4	97.1	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.7
IV 1000	27.8	86.6	92.3	95.7	97.0	97.0	97.8	97.8	97.8	98.4	98.4	98.4	98.5	98.5	98.5	98.6
IV 900	27.8	86.7	92.4	95.8	97.1	97.2	97.9	98.0	98.0	98.5	98.6	98.6	98.6	98.6	98.6	98.7
IV 800	27.8	86.7	92.4	95.9	97.2	97.2	98.0	98.0	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.8
IV 700	27.8	86.7	92.6	96.0	97.3	97.4	98.1	98.3	98.3	98.8	98.9	98.9	98.9	98.9	98.9	99.0
IV 600	27.8	86.7	92.6	96.0	97.4	97.4	98.2	98.5	98.5	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IV 500	27.8	86.7	92.6	96.1	97.5	97.6	98.4	98.6	98.6	99.2	99.2	99.2	99.3	99.3	99.3	99.4
IV 400	27.8	86.9	92.9	96.4	97.8	97.9	98.8	99.0	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.8
IV 300	27.8	86.9	92.9	96.4	97.8	97.9	98.8	99.0	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.8
IV 200	27.8	86.9	92.9	96.4	97.9	97.9	98.8	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.8
IV 100	27.8	86.9	92.9	96.4	97.9	97.9	98.8	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.8
IV 0	27.8	86.9	92.9	96.4	97.9	97.9	98.8	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2251

DATA PROCESSING BRANCH  
USAF ETAC  
AIP WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
YEARS

OCT  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	14.0	60.4	65.0	67.5	68.6	69.0	70.0	70.2	70.2	70.5	70.5	70.5	71.0	71.0	71.6	71.9
≥ 20000	14.6	62.4	67.0	69.6	70.8	71.2	72.2	72.4	72.4	72.7	72.7	72.7	73.3	73.3	73.8	74.1
IV 18000	14.6	62.4	67.0	69.6	70.8	71.2	72.2	72.4	72.4	72.7	72.7	72.7	73.3	73.3	73.8	74.1
IV 16000	14.6	62.4	67.0	69.6	70.9	71.3	72.2	72.5	72.5	72.7	72.7	72.7	73.3	73.3	73.8	74.2
IV 14000	14.6	62.5	67.1	69.8	71.0	71.4	72.4	72.7	72.7	72.9	72.9	72.9	73.5	73.5	74.0	74.4
IV 12000	15.3	63.5	68.2	70.9	72.2	72.5	73.5	73.8	73.8	74.0	74.0	74.0	74.6	74.6	75.1	75.5
IV 10000	15.4	65.3	70.2	72.8	74.1	74.5	75.5	75.8	75.8	76.0	76.0	76.0	76.6	76.6	77.1	77.5
IV 9000	15.6	65.7	70.6	73.3	74.6	75.0	76.0	76.2	76.2	76.4	76.5	76.5	77.0	77.0	77.6	77.9
IV 8000	15.8	68.0	73.0	75.7	77.0	77.4	78.4	78.7	78.7	79.0	79.0	79.0	79.6	79.6	80.1	80.5
IV 7000	15.9	69.9	75.0	77.7	79.0	79.5	80.5	80.9	80.9	81.2	81.2	81.2	81.8	81.8	82.3	82.7
IV 6000	16.0	70.6	75.9	78.7	80.0	80.5	81.5	81.9	82.0	82.2	82.3	82.3	82.8	82.8	83.3	83.8
IV 5000	16.2	72.1	77.6	80.7	82.1	82.7	83.8	84.1	84.2	84.5	84.5	84.5	85.1	85.1	85.6	86.0
IV 4500	16.2	72.4	78.0	81.2	82.7	83.3	84.4	84.8	84.9	85.2	85.2	85.2	85.8	85.8	86.3	86.7
IV 4000	16.4	73.0	78.7	82.1	83.6	84.2	85.3	85.8	85.8	86.1	86.1	86.1	86.7	86.7	87.2	87.6
IV 3500	16.5	73.9	79.7	83.1	84.7	85.3	86.5	86.9	86.9	87.2	87.3	87.3	87.8	87.8	88.4	88.8
IV 3000	16.8	74.8	80.8	84.4	86.0	86.6	87.9	88.4	88.4	88.7	88.7	88.7	89.3	89.3	89.8	90.2
IV 2500	16.8	75.2	81.5	85.2	86.9	87.6	88.9	89.4	89.5	89.8	89.8	89.8	90.3	90.3	90.9	91.3
IV 2000	16.9	76.3	82.6	86.4	88.2	88.9	90.2	90.9	90.9	91.3	91.4	91.4	92.0	92.0	92.5	92.9
IV 1800	16.9	76.5	82.8	86.6	88.4	89.1	90.4	91.1	91.2	91.5	91.6	91.6	92.2	92.2	92.7	93.2
IV 1500	16.9	76.9	83.2	87.2	89.0	89.7	91.0	91.7	91.8	92.1	92.2	92.2	92.8	92.8	93.3	92.8
IV 1200	17.1	78.0	84.6	88.6	90.6	91.3	92.8	93.5	93.5	93.9	93.9	93.9	94.6	94.6	95.1	95.5
IV 1000	17.3	78.7	85.3	89.5	91.5	92.3	93.9	94.6	94.6	95.0	95.1	95.1	95.7	95.7	96.2	96.6
IV 900	17.3	78.8	85.5	89.8	91.7	92.5	94.1	94.8	94.8	95.2	95.3	95.3	95.9	95.9	96.4	96.9
IV 800	17.5	79.1	85.8	90.1	92.0	92.8	94.4	95.1	95.2	95.7	95.7	95.7	96.3	96.3	96.9	97.3
IV 700	17.5	79.2	86.0	90.3	92.3	93.2	94.8	95.6	95.8	96.3	96.3	96.3	96.9	96.9	97.4	97.9
IV 600	17.5	79.4	86.3	90.7	92.9	93.8	95.5	96.3	96.6	97.1	97.2	97.2	97.8	97.8	98.3	98.7
IV 500	17.5	79.5	86.4	90.8	93.0	94.0	95.7	96.5	96.7	97.3	97.3	97.3	98.0	98.0	98.5	98.9
IV 400	17.5	79.5	86.4	90.9	93.2	94.2	95.9	96.7	96.9	97.5	97.5	97.5	98.2	98.2	98.7	99.1
IV 300	17.5	79.5	86.4	90.9	93.2	94.3	96.0	96.8	97.0	97.6	97.6	97.6	98.3	98.3	98.8	99.3
IV 200	17.5	79.5	86.4	90.9	93.2	94.3	96.0	96.9	97.1	97.7	97.7	97.7	98.3	98.3	98.9	99.4
IV 100	17.5	79.5	86.4	90.9	93.2	94.3	96.1	96.9	97.2	97.8	97.9	97.9	98.5	98.5	99.1	99.7
IV 0	17.5	79.5	86.4	90.9	93.2	94.3	96.1	96.9	97.2	97.8	97.9	97.9	98.5	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2352

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION/ADL

43-45,57-72  
YEARS

0CT  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≤ 1/16	≥ 0
NO CEILING	10.8	52.3	57.7	61.3	63.7	64.4	65.8	66.6	67.0	67.2	67.2	68.1	68.1	68.6	69.4	
≥ 20000	11.0	53.6	59.2	62.8	65.3	66.0	67.4	68.2	68.6	68.8	68.8	69.7	69.7	70.3	71.0	
IV 18000	11.0	53.6	59.2	62.8	65.3	66.0	67.4	68.2	68.6	68.8	68.8	69.7	69.7	70.3	71.0	
IV 16000	11.1	53.7	59.2	62.9	65.3	66.0	67.4	68.0	68.2	68.6	68.8	69.8	69.8	70.3	71.0	
IV 14000	11.1	53.8	59.3	63.0	65.4	66.1	67.5	68.1	68.4	68.8	68.9	69.9	69.9	70.4	71.2	
IV 12000	11.2	54.8	60.5	64.1	66.7	67.4	68.9	69.5	69.8	70.2	70.2	70.4	71.3	71.3	71.8	72.6
IV 10000	11.7	56.5	62.3	66.0	68.6	69.3	70.9	71.5	71.7	72.1	72.3	72.3	73.2	73.2	73.7	74.5
IV 9000	11.8	57.2	63.2	66.9	69.5	70.2	71.8	72.3	72.6	73.0	73.2	73.2	74.1	74.1	74.6	75.4
IV 8000	11.9	59.5	65.6	69.3	72.0	72.7	74.3	74.9	75.1	75.5	75.7	75.7	76.6	76.6	77.2	77.9
IV 7000	11.9	61.0	67.2	71.2	73.9	74.8	76.4	77.2	77.4	77.8	78.0	78.0	78.9	78.9	79.5	80.2
IV 6000	11.9	61.6	68.0	72.0	74.9	75.8	77.5	78.4	78.6	79.1	79.2	79.3	80.2	80.2	80.8	81.5
IV 5000	12.2	63.6	70.2	74.6	77.6	78.5	80.4	81.2	81.4	81.9	82.1	82.1	83.0	83.0	83.6	84.3
IV 4500	12.3	63.8	70.6	74.9	78.0	78.9	80.8	81.7	81.9	82.4	82.6	82.6	83.5	83.5	84.1	84.8
IV 4000	12.4	64.5	71.3	75.6	78.7	79.6	81.6	82.4	82.6	83.1	83.3	83.3	84.2	84.2	84.9	85.6
IV 3500	12.5	65.3	72.2	76.5	79.6	80.5	82.5	83.4	83.6	84.1	84.3	84.3	85.2	85.2	85.9	86.6
IV 3000	12.8	66.1	73.2	77.7	81.1	82.2	84.2	85.0	85.2	85.7	85.9	85.9	86.8	86.8	87.5	88.3
IV 2500	12.7	66.7	74.0	78.6	82.2	83.2	85.3	86.2	86.4	86.9	87.1	87.1	88.0	88.0	88.7	89.5
IV 2000	13.1	67.7	75.1	79.7	83.5	84.5	86.7	87.6	87.8	88.2	88.4	88.5	89.4	89.4	90.1	90.8
IV 1800	13.2	68.0	75.4	80.2	84.0	84.9	87.2	88.1	88.3	88.7	89.0	89.0	89.9	89.9	90.6	91.3
IV 1500	13.3	68.5	76.0	80.8	84.7	85.6	87.9	88.8	89.0	89.5	89.7	89.7	90.6	90.6	91.3	92.1
IV 1200	13.5	69.5	77.2	82.5	86.3	87.2	89.6	90.6	90.8	91.3	91.5	91.5	92.5	92.5	93.2	93.9
IV 1000	13.8	70.1	78.0	83.4	87.3	88.3	90.7	91.7	91.9	92.5	92.7	92.7	93.6	93.6	94.3	95.1
IV 900	13.8	70.4	78.5	83.9	87.9	88.9	91.3	92.4	92.7	93.2	93.5	93.5	94.4	94.4	95.1	95.6
IV 800	13.8	70.6	78.7	84.2	88.1	89.2	91.5	92.7	93.0	93.5	93.8	93.8	94.7	94.7	95.4	96.1
IV 700	13.8	70.7	78.9	84.5	88.7	89.7	92.1	93.3	93.7	94.2	94.4	94.5	95.4	95.4	96.0	96.8
IV 600	13.8	70.9	79.1	84.8	89.1	90.2	92.6	93.8	94.1	94.7	94.9	94.9	95.8	95.8	96.5	97.3
IV 500	13.8	71.0	79.3	85.0	89.6	90.7	93.2	94.4	94.8	95.3	95.5	95.5	96.5	96.5	97.2	97.9
IV 400	13.8	71.0	79.3	85.1	89.9	91.0	93.8	95.1	95.4	96.0	96.2	96.2	97.1	97.2	97.9	98.6
IV 300	13.8	71.0	79.3	85.2	90.0	91.1	93.9	95.2	95.5	96.1	96.4	96.5	97.4	97.5	98.1	98.9
IV 200	13.8	71.0	79.3	85.2	90.0	91.1	94.0	95.3	95.6	96.2	96.6	96.6	97.5	97.6	98.3	99.4
IV 100	13.8	71.0	79.3	85.2	90.0	91.1	94.0	95.3	95.6	96.2	96.6	96.6	97.6	97.7	98.5	99.8
IV 0	13.8	71.0	79.3	85.2	90.0	91.1	94.0	95.3	95.7	96.2	96.6	96.6	97.7	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2354



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806 STATION FORT CAMPBELL KY/CAMPBELL AAF STATION NAME 43-45,50-72 YEARS OCT MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.5	38.5	46.1	49.9	53.1	54.4	56.7	57.3	57.5	58.2	58.8	58.9	59.4	59.5	59.8	60.4
≥ 20000	12.2	40.5	48.6	52.7	56.1	57.4	59.9	60.6	60.7	61.7	62.3	62.4	62.9	63.0	63.2	63.9
IV 18000	12.2	40.6	48.7	52.8	56.1	57.4	59.9	60.7	60.8	61.8	62.4	62.4	63.0	63.0	63.3	64.0
IV 16000	12.2	40.6	48.7	52.8	56.1	57.5	60.0	60.7	60.8	61.8	62.4	62.4	63.0	63.1	63.4	64.1
IV 14000	12.3	40.9	49.0	53.2	56.5	57.8	60.4	61.1	61.3	62.3	62.9	63.0	63.5	63.6	63.9	64.6
IV 12000	12.8	42.0	50.5	54.7	58.2	59.5	62.1	62.9	63.0	64.1	64.7	64.7	65.3	65.4	65.7	66.4
IV 10000	13.1	43.9	52.5	57.2	60.9	62.3	65.0	65.8	65.9	67.1	67.9	67.9	68.5	68.6	68.9	69.5
IV 9000	13.1	44.4	53.4	58.1	62.0	63.4	66.2	67.0	67.1	68.3	69.1	69.1	69.7	69.8	70.1	70.7
IV 8000	13.2	46.2	55.5	60.5	64.9	66.3	69.1	70.0	70.1	71.2	72.1	72.1	72.7	72.8	73.1	73.8
IV 7000	13.2	47.3	56.8	61.9	66.4	67.9	70.8	71.7	71.9	73.0	73.8	73.9	74.5	74.6	74.9	75.6
IV 6000	13.4	48.2	57.9	63.1	67.7	69.2	72.1	73.1	73.2	74.4	75.2	75.2	75.9	75.9	76.3	76.9
IV 5000	13.5	49.3	59.3	64.6	69.3	70.9	73.8	74.8	74.9	76.1	76.9	77.0	77.6	77.7	78.0	78.7
IV 4500	13.6	49.8	59.8	65.2	69.9	71.4	74.3	75.3	75.5	76.6	77.5	77.5	78.2	78.2	78.6	79.2
IV 4000	13.7	50.7	61.0	66.6	71.5	73.1	76.0	77.0	77.2	78.3	79.2	79.2	79.9	80.0	80.3	81.0
IV 3500	13.9	51.1	61.5	67.5	72.4	74.0	76.9	78.1	78.2	79.4	80.2	80.3	81.0	81.0	81.4	82.1
IV 3000	14.0	52.1	63.1	69.2	74.4	76.0	79.0	80.3	80.5	81.7	82.6	82.6	83.3	83.4	83.8	84.5
IV 2500	14.2	52.9	64.1	70.4	75.8	77.4	80.7	82.0	82.2	83.4	84.3	84.3	85.0	85.1	85.5	86.2
IV 2000	14.6	54.1	65.3	71.7	77.2	78.9	82.2	83.5	83.7	84.9	85.8	85.8	86.6	86.6	87.0	87.7
IV 1800	14.8	54.5	65.8	72.2	77.7	79.4	82.8	84.0	84.3	85.5	86.3	86.4	87.1	87.2	87.5	88.3
IV 1500	15.2	55.4	66.9	73.4	79.0	80.8	84.2	85.5	85.7	86.9	87.8	87.8	88.6	88.6	89.0	89.7
IV 1200	15.4	56.4	68.0	74.9	80.6	82.4	85.9	87.2	87.4	88.7	89.7	89.7	90.4	90.5	90.9	91.6
IV 1000	15.5	56.8	68.4	75.6	81.6	83.4	86.9	88.3	88.5	89.8	90.8	90.8	91.5	91.6	92.0	92.7
IV 900	15.6	57.2	68.9	76.2	82.3	84.2	87.7	89.2	89.4	90.8	91.7	91.8	92.5	92.6	92.9	93.7
IV 800	15.6	57.5	69.4	76.8	83.1	85.0	88.6	90.1	90.4	91.8	92.8	92.8	93.5	93.6	94.0	94.7
IV 700	15.7	57.7	69.6	77.2	83.5	85.5	89.3	91.0	91.3	92.7	93.7	93.8	94.5	94.6	94.9	95.7
IV 600	15.7	57.8	69.8	77.5	84.1	86.2	90.0	91.7	92.0	93.4	94.4	94.5	95.2	95.3	95.7	96.4
IV 500	15.8	58.1	70.1	77.8	84.5	86.7	90.6	92.4	92.7	94.3	95.3	95.3	96.0	96.1	96.5	97.3
IV 400	15.8	58.1	70.1	77.9	84.7	86.9	91.1	93.0	93.3	94.9	96.0	96.0	96.8	96.9	97.4	98.1
IV 300	15.8	58.1	70.1	78.0	84.8	87.0	91.3	93.2	93.6	95.3	96.4	96.5	97.3	97.4	97.8	98.6
IV 200	15.8	58.1	70.1	78.0	84.8	87.0	91.3	93.4	93.7	95.3	96.5	96.6	97.4	97.5	98.0	99.1
IV 100	15.8	58.1	70.1	78.0	84.8	87.0	91.3	93.4	93.7	95.3	96.5	96.6	97.4	97.5	98.0	99.6
IV 0	15.8	58.1	70.1	78.0	84.8	87.0	91.3	93.4	93.7	95.3	96.5	96.6	97.4	97.5	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2351

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

42-45,50-72  
YEARS

OCT  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.2	55.0	57.2	59.0	59.9	60.0	60.1	60.2	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4
IV 20000	26.0	59.3	61.6	63.5	64.6	64.7	64.9	65.0	65.0	65.0	65.1	65.1	65.2	65.2	65.2	65.2
IV 18000	26.0	59.3	61.7	63.6	64.7	64.8	65.0	65.1	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3
IV 16000	26.0	59.3	61.7	63.7	64.8	64.8	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3
IV 14000	26.3	60.0	62.5	64.5	65.6	65.6	65.9	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2
IV 12000	26.9	61.4	64.0	66.1	67.3	67.3	67.6	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9
IV 10000	27.8	65.3	68.2	70.5	71.7	71.8	72.0	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4
IV 9000	28.2	65.9	69.0	71.3	72.6	72.7	72.9	73.1	73.1	73.1	73.2	73.2	73.3	73.3	73.3	73.3
IV 8000	28.4	67.6	70.8	73.2	74.8	74.9	75.1	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5
IV 7000	28.7	69.0	72.2	74.7	76.4	76.5	76.7	76.9	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.1
IV 6000	28.8	69.6	73.0	75.5	77.2	77.3	77.5	77.7	77.7	77.7	77.8	77.8	77.9	77.9	77.9	77.9
IV 5000	29.2	70.9	74.4	76.8	78.7	78.8	79.1	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5
IV 4500	29.3	71.1	74.7	77.2	79.1	79.1	79.5	79.7	79.7	79.7	79.8	79.8	79.9	79.9	79.9	79.9
IV 4000	29.6	72.5	76.2	78.8	80.7	80.8	81.1	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5
IV 3500	30.3	73.6	77.4	80.0	81.9	81.9	82.3	82.5	82.5	82.5	82.6	82.6	82.7	82.7	82.7	82.7
IV 3000	31.2	75.5	79.4	82.1	84.0	84.1	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
IV 2500	31.5	76.8	80.7	83.5	85.4	85.6	86.0	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5
IV 2000	32.2	78.7	82.9	86.1	88.2	88.3	88.8	89.1	89.1	89.2	89.3	89.3	89.4	89.4	89.4	89.4
IV 1800	32.6	79.4	83.7	86.9	89.1	89.3	89.8	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3
IV 1500	33.3	80.9	85.3	88.6	90.9	91.2	91.7	92.0	92.0	92.1	92.2	92.2	92.3	92.3	92.3	92.3
IV 1200	33.5	82.0	86.9	90.4	92.9	93.2	93.9	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4
IV 1000	33.5	82.5	87.6	91.1	93.7	94.0	94.7	95.0	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3
IV 900	33.6	82.9	88.3	92.0	94.9	95.3	96.0	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5
IV 800	33.7	83.4	88.8	92.5	95.6	96.2	96.9	97.3	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7
IV 700	33.7	83.5	88.9	92.8	95.9	96.5	97.2	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1
IV 600	33.7	83.6	89.2	93.1	96.3	96.9	97.7	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 500	33.7	83.7	89.3	93.3	96.6	97.3	98.3	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2
IV 400	33.7	83.7	89.3	93.4	96.6	97.4	98.4	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7
IV 300	33.7	83.7	89.4	93.4	96.7	97.4	98.5	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8
IV 200	33.7	83.7	89.4	93.4	96.7	97.4	98.5	99.2	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9
IV 100	33.7	83.7	89.4	93.4	96.7	97.4	98.5	99.2	99.3	99.6	99.8	99.8	99.9	99.9	100.0	100.0
IV 0	33.7	83.7	89.4	93.4	96.7	97.4	98.5	99.2	99.3	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2349

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

42-45,50-72  
YEARS

OCT  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	33.2	58.1	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 20000	35.2	63.8	64.0	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 18000	36.3	64.0	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 16000	36.5	64.2	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 14000	36.8	64.7	65.0	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 12000	37.5	66.6	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 10000	38.1	69.0	70.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 9000	38.6	70.5	70.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 8000	39.3	71.9	72.5	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 7000	39.9	72.9	73.5	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 6000	40.1	73.5	74.2	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 5000	40.4	75.2	76.0	76.9	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 4500	40.8	75.9	76.7	77.6	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 4000	41.4	77.9	78.9	80.0	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 3500	42.4	79.9	80.9	82.0	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 3000	44.0	83.9	85.1	86.2	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 2500	45.1	86.7	88.2	89.4	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 2000	46.7	89.5	91.3	92.6	93.1	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1800	47.0	90.0	91.9	93.4	93.9	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1500	47.4	91.2	93.3	94.9	95.5	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1200	47.6	91.8	94.0	95.5	96.3	96.5	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1000	47.6	92.1	94.5	96.1	97.0	97.1	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 900	47.6	92.4	94.8	96.5	97.4	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 800	47.6	92.5	95.1	96.9	97.9	98.1	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	47.8	92.5	95.2	97.2	98.1	98.3	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	47.6	92.6	95.3	97.4	98.4	98.7	99.1	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	47.6	92.6	95.3	97.6	98.6	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	47.6	92.6	95.3	97.6	98.7	98.9	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	47.6	92.6	95.3	97.7	98.8	99.0	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	47.6	92.6	95.3	97.7	98.8	99.0	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	47.6	92.6	95.3	97.7	98.8	99.0	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	47.6	92.6	95.3	97.7	98.8	99.0	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2351

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45, 50-72  
YEARS

NOV  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.2	60.0	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 20000	38.0	67.6	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 18000	38.1	67.7	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 16000	38.3	67.9	68.7	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 14000	38.8	68.8	69.6	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 12000	39.7	71.0	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 10000	40.5	73.3	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 9000	40.8	74.0	74.9	75.1	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 8000	41.3	75.6	76.7	77.0	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 7000	41.9	77.0	78.4	78.7	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 6000	42.2	78.1	79.4	80.0	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 5000	43.0	79.9	81.4	82.0	82.2	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 4500	43.2	80.4	82.0	82.6	82.8	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 4000	44.1	82.9	84.6	85.1	85.3	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 3500	44.8	84.7	86.4	87.1	87.2	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 3000	45.7	87.3	89.1	90.0	90.3	90.4	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2500	46.3	88.9	91.0	91.9	92.3	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 2000	47.2	90.7	92.9	94.0	94.4	94.5	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
IV 1800	47.3	90.9	93.3	94.3	94.8	94.9	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
IV 1500	47.4	91.5	94.0	95.0	95.6	95.7	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
IV 1200	47.4	91.9	94.4	95.6	96.3	96.4	96.8	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
IV 1000	47.4	92.0	94.6	95.9	96.5	96.7	97.2	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
IV 900	47.4	92.1	94.8	96.0	96.7	96.9	97.4	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
IV 800	47.4	92.2	95.0	96.3	96.9	97.1	97.7	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	47.4	92.3	95.1	96.6	97.4	97.7	98.4	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	47.4	92.3	95.2	96.6	97.6	97.9	98.6	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	47.4	92.4	95.3	96.8	97.9	98.1	98.9	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	47.5	92.4	95.4	96.9	98.0	98.3	99.0	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	47.5	92.4	95.4	97.0	98.1	98.3	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	47.5	92.4	95.4	97.0	98.1	98.3	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	47.5	92.4	95.4	97.0	98.1	98.3	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	47.5	92.4	95.4	97.0	98.1	98.3	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2350

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45, 50-72  
YEARS

ICT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	22.6	53.6	65.4	66.3	66.5	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 20000	24.0	68.4	70.4	71.3	71.5	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 18000	24.0	68.4	70.4	71.3	71.5	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 16000	24.1	68.5	70.5	71.4	71.6	71.7	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 14000	24.2	68.9	70.9	71.8	72.0	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 12000	24.7	70.4	72.5	73.6	73.8	73.8	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
IV 10000	25.4	72.7	75.0	76.0	76.3	76.3	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
IV 9000	25.6	73.6	76.0	77.1	77.3	77.3	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 8000	26.0	75.8	78.5	79.7	79.9	80.0	80.1	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
IV 7000	26.2	77.9	80.8	82.0	82.3	82.4	82.6	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9
IV 6000	26.5	79.1	82.0	83.5	83.8	83.9	84.1	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
IV 5000	26.9	80.5	83.6	85.2	85.7	85.8	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3
IV 4500	27.0	80.9	84.2	85.8	86.3	86.4	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 4000	27.5	82.4	85.7	87.5	88.1	88.3	88.6	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
IV 3500	27.9	83.5	87.0	88.8	89.5	89.7	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
IV 3000	28.3	84.8	88.6	90.5	91.4	91.5	92.0	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
IV 2500	28.6	85.9	89.7	92.0	92.9	93.1	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
IV 2000	28.6	86.7	90.8	93.1	94.0	94.2	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1800	28.5	86.9	90.9	93.2	94.2	94.3	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
IV 1500	28.6	87.3	91.5	93.8	94.8	95.0	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
IV 1200	28.8	87.7	92.1	94.7	95.7	95.9	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
IV 1000	28.3	87.9	92.5	95.1	96.2	96.4	97.1	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
IV 900	28.8	88.0	92.7	95.4	96.5	96.7	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
IV 800	28.8	88.2	92.8	95.7	96.8	97.0	97.8	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2
IV 700	28.8	88.2	92.9	95.8	97.1	97.3	98.1	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5
IV 600	28.8	88.3	92.9	95.8	97.2	97.4	98.4	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 500	28.8	88.3	92.9	96.0	97.5	97.7	98.7	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	28.8	88.3	92.9	96.0	97.6	97.9	98.9	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	28.8	88.3	92.9	96.0	97.6	97.9	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	28.8	88.3	92.9	96.0	97.6	97.9	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	28.8	88.3	92.9	96.0	97.6	97.9	99.1	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	28.8	88.3	92.9	96.0	97.6	97.9	99.1	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2350

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAL

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
YEARS

OCT  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.0	64.7	67.9	69.5	70.5	70.5	71.0	71.2	71.3	71.3	71.4	71.4	71.5	71.5	71.6	71.8
≥ 20000	18.8	67.0	70.5	72.3	73.3	73.4	73.8	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.6	74.7
IV 18000	18.8	67.0	70.5	72.3	73.3	73.4	73.8	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.6	74.7
IV 16000	18.8	67.0	70.5	72.3	73.3	73.4	73.8	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.6	74.7
IV 14000	18.8	67.3	70.7	72.5	73.6	73.6	74.1	74.4	74.4	74.5	74.6	74.6	74.7	74.7	74.8	75.0
IV 12000	19.0	68.5	72.3	74.1	75.2	75.3	75.7	76.0	76.1	76.1	76.2	76.2	76.3	76.3	76.4	76.6
IV 10000	19.5	70.3	74.2	76.1	77.2	77.3	77.8	78.1	78.1	78.2	78.3	78.3	78.4	78.4	78.5	78.7
IV 9000	19.7	71.3	75.3	77.1	78.2	78.3	78.8	79.1	79.2	79.3	79.3	79.3	79.4	79.4	79.5	79.7
IV 8000	19.9	73.5	77.5	79.4	80.6	80.7	81.2	81.5	81.6	81.7	81.8	81.8	81.8	81.8	82.0	82.1
IV 7000	20.1	75.3	79.5	81.5	82.7	82.7	83.2	83.6	83.7	83.8	83.9	83.9	84.0	84.0	84.1	84.3
IV 6000	20.2	76.2	80.7	82.9	84.1	84.2	84.7	85.1	85.2	85.3	85.4	85.4	85.5	85.5	85.6	85.8
IV 5000	20.5	77.2	81.9	84.1	85.5	85.5	86.1	86.4	86.5	86.6	86.7	86.7	86.9	86.9	87.0	87.2
IV 4500	20.6	77.8	82.5	84.7	86.1	86.2	86.7	87.1	87.2	87.3	87.4	87.4	87.5	87.5	87.7	87.8
IV 4000	21.0	78.8	83.7	86.1	87.5	87.6	88.2	88.5	88.6	88.8	88.9	88.9	89.0	89.0	89.1	89.3
IV 3500	21.3	79.5	84.4	86.9	88.4	88.4	89.1	89.4	89.5	89.8	89.8	89.8	90.0	90.0	90.1	90.3
IV 3000	21.5	80.7	85.8	88.4	89.9	90.0	90.8	91.2	91.2	91.5	91.6	91.7	91.8	91.8	91.9	92.1
IV 2500	21.5	81.4	86.6	89.3	90.9	91.0	91.8	92.1	92.2	92.5	92.7	92.7	92.9	92.9	93.0	93.2
IV 2000	21.7	82.4	87.8	90.6	92.3	92.5	93.3	93.7	93.8	94.0	94.2	94.3	94.4	94.4	94.6	94.7
IV 1800	21.8	82.6	88.0	90.8	92.5	92.7	93.5	93.9	94.0	94.3	94.4	94.5	94.6	94.6	94.8	94.9
IV 1500	21.9	83.0	88.4	91.3	93.1	93.2	94.1	94.4	94.5	94.8	95.0	95.0	95.2	95.2	95.3	95.5
IV 1200	21.9	83.4	88.9	92.0	93.9	94.1	94.9	95.3	95.4	95.7	95.8	95.9	96.0	96.0	96.2	96.3
IV 1000	22.0	83.7	89.3	92.5	94.4	94.7	95.6	96.0	96.0	96.3	96.5	96.6	96.7	96.7	96.9	97.0
IV 900	22.0	83.8	89.5	92.7	94.7	94.9	95.9	96.2	96.3	96.6	96.8	96.8	97.0	97.0	97.1	97.3
IV 800	22.0	84.0	89.7	93.1	95.1	95.3	96.3	96.6	96.7	97.0	97.2	97.2	97.4	97.4	97.5	97.7
IV 700	22.0	84.1	89.8	93.2	95.2	95.5	96.5	96.9	97.0	97.4	97.6	97.6	97.8	97.8	97.9	98.1
IV 600	22.0	84.4	90.1	93.5	95.5	95.8	97.0	97.4	97.5	97.9	98.1	98.1	98.3	98.3	98.4	98.6
IV 500	22.0	84.5	90.2	93.8	95.8	96.1	97.4	97.7	97.8	98.3	98.4	98.5	98.6	98.6	98.8	98.9
IV 400	22.0	84.5	90.2	93.9	96.2	96.5	97.8	98.2	98.3	98.7	98.9	98.9	99.1	99.1	99.2	99.4
IV 300	22.0	84.5	90.2	93.9	96.2	96.6	97.9	98.3	98.5	98.9	99.1	99.1	99.3	99.3	99.4	99.6
IV 200	22.0	84.5	90.2	93.9	96.2	96.6	98.0	98.4	98.6	99.1	99.2	99.3	99.4	99.4	99.6	99.7
IV 100	22.0	84.5	90.2	93.9	96.2	96.6	98.0	98.4	98.6	99.1	99.3	99.4	99.6	99.6	99.7	99.9
IV 0	22.0	84.5	90.2	93.9	96.2	96.6	98.0	98.4	98.6	99.1	99.3	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2352

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44,50-72  
YEARS

NOV  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	7.8	42.1	46.4	49.7	51.2	51.5	52.3	52.4	52.5	52.8	52.8	52.8	53.0	53.0	53.3	53.6
≥ 20000	8.2	45.2	49.8	53.3	55.0	55.3	56.1	56.2	56.3	56.6	56.6	56.6	56.8	56.9	57.1	57.4
≥ 18000	8.4	45.3	49.9	53.4	55.1	55.4	56.3	56.4	56.5	56.8	56.8	56.8	57.0	57.0	57.3	57.6
≥ 16000	8.6	45.6	50.2	53.7	55.4	55.7	56.6	56.7	56.8	57.1	57.1	57.1	57.3	57.4	57.6	57.9
≥ 14000	8.6	46.0	50.6	54.3	56.0	56.3	57.2	57.3	57.4	57.8	57.8	57.8	58.0	58.1	58.3	58.6
≥ 12000	9.0	47.4	52.1	55.8	57.6	57.8	58.7	58.8	59.0	59.4	59.4	59.4	59.6	59.6	59.8	60.2
≥ 10000	9.3	49.3	54.1	57.8	59.5	59.8	60.7	60.7	60.9	61.3	61.3	61.3	61.5	61.5	61.8	62.2
≥ 9000	9.3	49.8	54.7	58.4	60.2	60.4	61.3	61.4	61.6	61.9	62.0	62.0	62.2	62.2	62.4	62.8
≥ 8000	9.8	52.1	57.3	61.0	62.8	63.2	64.1	64.2	64.3	64.7	64.8	64.8	64.9	65.0	65.2	65.6
≥ 7000	9.9	54.1	59.5	63.5	65.5	65.9	66.8	66.9	67.1	67.5	67.5	67.5	67.7	67.7	68.0	68.4
≥ 6000	10.2	55.5	61.0	65.2	67.2	67.6	68.6	68.7	68.9	69.3	69.3	69.3	69.5	69.5	69.7	70.1
≥ 5000	10.6	58.2	64.1	68.3	70.4	70.8	71.8	71.9	72.1	72.5	72.5	72.5	72.7	72.7	73.0	73.4
≥ 4500	10.8	59.5	65.5	69.8	71.9	72.3	73.3	73.4	73.6	74.0	74.1	74.1	74.2	74.3	74.5	74.9
≥ 4000	10.8	61.3	67.5	71.8	74.1	74.6	75.6	75.8	76.0	76.5	76.5	76.5	76.7	76.8	77.0	77.4
≥ 3500	11.1	62.6	69.0	73.4	75.8	76.4	77.4	77.5	77.7	78.2	78.3	78.3	78.5	78.5	78.7	79.1
≥ 3000	11.6	65.1	71.7	76.5	78.9	79.5	80.4	80.6	80.8	81.3	81.3	81.3	81.6	81.6	81.8	82.2
≥ 2500	12.1	67.3	74.2	79.1	81.7	82.2	83.2	83.4	83.6	84.0	84.1	84.1	84.4	84.4	84.5	85.0
≥ 2000	12.3	70.0	77.3	82.4	85.0	85.5	86.5	86.7	86.9	87.3	87.4	87.4	87.7	87.7	88.0	88.4
≥ 1800	12.5	70.6	77.9	83.0	85.7	86.2	87.3	87.4	87.6	88.1	88.1	88.1	88.4	88.5	88.7	89.1
≥ 1500	12.7	72.0	79.5	84.6	87.4	87.9	88.9	89.1	89.3	89.8	89.9	89.9	90.2	90.2	90.5	90.9
≥ 1200	12.8	73.1	80.8	86.1	89.0	89.6	90.4	90.8	91.0	91.5	91.5	91.5	91.8	91.9	92.1	92.5
≥ 1000	12.8	73.4	81.4	86.7	89.9	90.4	91.5	91.7	91.8	92.4	92.4	92.4	92.7	92.8	93.0	93.4
≥ 900	12.8	73.7	81.7	87.1	90.3	90.9	92.0	92.2	92.3	92.9	93.0	93.0	93.2	93.3	93.5	93.9
≥ 800	12.8	74.0	82.2	87.8	91.1	91.6	92.8	93.0	93.2	93.8	93.8	93.8	94.1	94.2	94.4	94.8
≥ 700	12.3	74.3	82.6	88.2	91.5	92.1	93.3	93.7	93.9	94.5	94.5	94.5	94.8	94.9	95.1	95.5
≥ 600	12.8	74.5	83.0	88.7	92.0	92.6	93.9	94.4	94.6	95.4	95.4	95.4	95.7	95.8	96.0	96.4
≥ 500	12.8	74.7	83.2	89.0	92.6	93.2	94.6	95.1	95.3	96.1	96.1	96.1	96.4	96.5	96.7	97.1
≥ 400	12.8	74.8	83.4	89.3	93.0	93.6	95.2	95.8	95.9	96.8	96.9	96.9	97.1	97.3	97.5	97.9
≥ 300	12.8	74.9	83.6	89.5	93.3	94.1	95.7	96.3	96.4	97.3	97.3	97.3	97.5	97.8	97.9	98.5
≥ 200	12.8	74.9	83.6	89.5	93.3	94.1	95.9	96.7	96.8	97.8	97.9	97.9	98.2	98.4	98.7	99.1
≥ 100	12.8	74.9	83.6	89.6	93.4	94.2	96.0	96.7	96.9	97.9	98.1	98.1	98.4	98.6	99.0	99.5
≥ 0	12.8	74.9	83.6	89.6	93.4	94.2	96.0	96.7	96.9	97.9	98.1	98.1	98.4	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2244

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44,50-72  
YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.0	38.7	42.5	46.7	49.3	49.6	50.8	51.0	51.2	51.6	51.7	51.7	52.0	52.0	52.3	52.8
IV 20000	7.3	41.2	45.1	49.4	52.1	52.5	53.7	54.2	54.1	54.5	54.6	54.6	54.9	54.9	55.3	55.8
IV 18000	7.3	41.2	45.1	49.4	52.2	52.5	53.8	54.0	54.2	54.6	54.7	54.7	55.0	55.0	55.3	55.8
IV 16000	7.4	41.3	45.3	49.6	52.3	52.7	53.9	54.2	54.3	54.7	54.8	54.8	55.1	55.1	55.4	55.9
IV 14000	7.5	41.4	45.4	50.2	53.1	53.4	54.6	54.9	55.0	55.4	55.6	55.6	55.8	55.8	56.2	56.7
IV 12000	7.7	42.7	46.8	51.2	54.1	54.5	55.7	55.9	56.1	56.5	56.6	56.6	56.9	56.9	57.2	57.7
IV 10000	7.8	44.7	49.0	53.4	56.3	56.7	57.9	58.1	58.3	58.7	58.8	58.8	59.1	59.1	59.4	59.9
IV 9000	7.9	45.1	49.5	53.9	56.8	57.2	58.4	58.7	58.8	59.2	59.3	59.3	59.6	59.6	60.0	60.4
IV 8000	8.0	47.1	51.5	56.0	59.0	59.4	60.6	60.9	61.0	61.5	61.6	61.6	61.9	61.9	62.2	62.7
IV 7000	8.1	48.8	53.3	58.0	61.3	61.7	62.9	63.2	63.3	63.8	63.9	63.9	64.2	64.2	64.6	65.0
IV 6000	8.4	50.1	55.1	60.0	63.3	63.8	65.0	65.3	65.4	65.9	66.1	66.1	66.3	66.3	66.7	67.2
IV 5000	8.6	52.7	58.1	63.2	66.7	67.1	68.5	68.8	69.0	69.5	69.6	69.6	69.9	69.9	70.2	70.7
IV 4500	8.8	54.2	59.8	65.1	68.7	69.1	70.5	70.8	71.0	71.5	71.6	71.6	71.9	71.9	72.2	72.7
IV 4000	8.8	56.2	62.1	67.5	71.3	71.7	73.3	73.6	73.8	74.2	74.4	74.4	74.7	74.7	75.1	75.6
IV 3500	8.9	57.5	63.7	69.2	73.1	73.7	75.1	75.5	75.6	76.1	76.3	76.3	76.6	76.6	77.0	77.5
IV 3000	9.2	60.0	66.7	72.5	76.4	77.0	78.5	78.9	79.1	79.6	79.7	79.7	80.0	80.0	80.4	80.9
IV 2500	9.3	62.3	69.3	75.1	79.1	79.6	81.3	81.7	81.9	82.4	82.5	82.5	82.8	82.8	83.2	83.8
IV 2000	9.6	65.6	72.9	78.8	82.9	83.4	85.1	85.5	85.7	86.2	86.4	86.4	86.7	86.7	87.1	87.6
IV 1800	9.6	66.4	73.7	79.7	83.8	84.4	86.1	86.5	86.7	87.1	87.4	87.4	87.7	87.7	88.1	88.6
IV 1500	9.9	67.1	74.7	80.8	85.0	85.5	87.3	87.8	87.9	88.4	88.7	88.7	89.0	89.0	89.4	89.9
IV 1200	10.0	68.3	76.0	82.3	86.7	87.3	89.1	89.6	89.7	90.2	90.5	90.5	90.8	90.8	91.2	91.7
IV 1000	10.0	68.8	76.7	82.9	87.4	88.0	90.0	90.4	90.6	91.2	91.5	91.5	91.7	91.7	92.1	92.7
IV 900	10.1	69.0	76.9	83.3	87.8	88.5	90.5	91.0	91.1	91.7	92.0	92.0	92.3	92.3	92.7	93.2
IV 800	10.1	69.5	77.5	83.9	88.4	89.2	91.2	91.7	91.9	92.5	92.8	92.8	93.0	93.0	93.4	94.0
IV 700	10.1	69.9	78.0	84.6	89.1	90.0	92.2	92.8	92.9	93.5	93.8	93.8	94.1	94.1	94.5	95.0
IV 600	10.1	70.9	78.3	85.2	89.7	90.7	93.0	93.5	93.7	94.4	94.7	94.7	95.0	95.0	95.4	95.9
IV 500	10.1	70.9	78.4	85.2	90.0	91.0	93.3	93.8	94.1	94.9	95.2	95.2	95.5	95.5	95.9	96.4
IV 400	10.1	70.0	78.6	85.5	90.3	91.5	93.9	94.7	95.0	95.9	96.3	96.3	96.5	96.5	96.9	97.5
IV 300	10.1	70.0	78.7	85.8	90.6	91.8	94.4	95.4	95.7	96.7	97.1	97.1	97.4	97.4	97.9	98.4
IV 200	10.1	70.0	78.8	85.8	90.7	91.9	94.6	95.6	96.0	97.1	97.6	97.6	97.9	97.9	98.6	99.2
IV 100	10.1	70.0	78.8	85.8	90.7	91.9	94.6	95.6	96.1	97.1	97.7	97.7	97.8	98.1	98.8	99.6
IV 0	10.1	70.0	78.8	85.8	90.7	91.9	94.6	95.6	96.1	97.1	97.7	97.8	98.1	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2240



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44,50-72  
YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.5	27.2	31.4	34.1	37.2	38.0	40.5	41.6	41.7	43.4	44.4	44.4	45.0	45.0	45.4	45.7
≥ 20000	8.0	29.7	34.0	37.1	40.5	41.2	43.8	45.0	45.1	46.9	47.9	47.9	48.5	48.5	48.9	49.3
IV 18000	8.0	29.8	34.2	37.2	40.7	41.5	44.2	45.3	45.5	47.2	48.2	48.2	48.8	48.8	49.2	49.6
IV 16000	8.0	29.9	34.3	37.3	40.9	41.7	44.3	45.5	45.6	47.4	48.3	48.3	48.9	48.9	49.4	49.8
IV 14000	8.1	30.2	34.6	37.8	41.3	42.1	44.7	45.9	46.0	47.8	48.8	48.8	49.4	49.4	49.8	50.2
IV 12000	8.5	31.4	36.1	39.4	43.1	43.9	46.6	47.7	47.9	49.8	50.8	50.8	51.4	51.4	51.9	52.3
IV 10000	8.8	33.3	38.2	41.6	45.4	46.2	49.0	50.2	50.3	52.2	53.2	53.2	53.8	53.9	54.3	54.7
IV 9000	9.0	34.2	39.1	42.7	46.7	47.5	50.2	51.2	51.6	53.5	54.5	54.5	55.1	55.2	55.6	56.0
IV 8000	9.5	35.8	41.1	44.7	48.7	49.6	52.5	53.7	53.9	55.8	56.8	56.8	57.4	57.5	58.0	58.4
IV 7000	9.5	38.1	43.7	47.5	51.9	52.9	55.8	57.1	57.2	59.1	60.1	60.2	60.8	60.8	61.3	61.8
IV 6000	9.8	39.7	45.7	49.7	54.2	55.2	58.2	59.5	59.6	61.6	62.5	62.6	63.2	63.2	63.7	64.2
IV 5000	10.2	42.2	48.6	52.9	57.7	58.3	61.9	63.3	63.4	65.2	66.3	66.4	67.0	67.0	67.5	68.0
IV 4500	10.2	43.1	49.8	54.2	59.4	60.5	63.6	65.0	65.2	67.1	68.1	68.1	68.7	68.8	69.3	69.8
IV 4000	10.7	44.7	51.7	56.4	61.5	62.6	65.7	67.2	67.3	69.4	70.3	70.4	71.0	71.1	71.5	72.0
IV 3500	10.9	46.1	53.2	58.0	63.2	64.4	67.5	69.0	69.1	71.1	72.1	72.2	72.8	72.8	73.3	73.8
IV 3000	11.2	48.3	55.7	60.8	66.2	67.4	70.5	72.0	72.1	74.2	75.2	75.2	75.9	76.0	76.4	76.9
IV 2500	12.0	51.2	59.0	64.3	69.9	71.1	74.4	75.9	76.0	78.2	79.2	79.2	79.9	80.0	80.5	81.0
IV 2000	12.4	53.7	61.7	67.5	73.2	74.6	77.9	79.4	79.6	81.8	82.8	82.8	83.5	83.6	84.1	84.6
IV 1800	12.4	54.5	62.5	68.2	74.0	75.4	78.7	80.2	80.4	82.6	83.6	83.7	84.4	84.4	84.9	85.4
IV 1500	12.5	55.2	63.6	69.4	75.4	76.8	80.1	81.6	81.8	84.0	85.1	85.1	85.8	85.9	86.4	86.8
IV 1200	13.1	57.4	65.7	71.9	78.1	79.5	82.9	84.5	84.7	86.9	88.0	88.0	88.8	88.8	89.3	89.2
IV 1000	13.2	58.6	66.5	72.8	79.1	80.6	84.2	85.8	86.0	88.3	89.4	89.5	90.2	90.3	90.8	91.3
IV 900	13.2	58.4	67.2	73.5	79.7	81.2	84.9	86.6	86.8	89.1	90.3	90.3	91.1	91.2	91.7	92.2
IV 800	13.2	58.8	67.6	73.9	80.2	81.8	85.8	87.6	87.7	90.2	91.3	91.4	92.1	92.3	92.8	93.3
IV 700	13.2	59.0	68.0	74.4	81.1	82.7	86.9	88.8	88.9	91.4	92.6	92.6	93.4	93.5	94.0	94.5
IV 600	13.2	59.1	68.1	74.5	81.4	83.1	87.4	89.4	89.6	92.1	93.3	93.3	94.1	94.3	94.8	95.3
IV 500	13.2	59.1	68.4	74.9	82.1	83.9	88.2	90.3	90.6	93.2	94.4	94.4	95.2	95.5	95.9	96.4
IV 400	13.2	59.3	68.5	75.1	82.3	84.2	88.8	91.1	91.5	94.2	95.4	95.5	96.3	96.5	97.0	97.5
IV 300	13.2	59.4	68.6	75.2	82.5	84.3	89.0	91.5	91.9	94.7	96.0	96.2	97.1	97.4	97.9	98.6
IV 200	13.2	59.4	68.6	75.2	82.5	84.3	89.0	91.6	92.1	94.9	96.3	96.4	97.5	97.8	98.4	99.1
IV 100	13.2	59.4	68.6	75.2	82.5	84.3	89.0	91.6	92.1	94.9	96.3	96.5	97.6	97.9	98.5	99.3
IV 0	13.2	59.4	68.6	75.2	82.5	84.3	89.0	91.6	92.1	94.9	96.3	96.5	97.6	97.9	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2242

DATA PROCESSING DKA CH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FUPT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44,50-72  
YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS(IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	17.7	38.1	40.9	42.9	44.1	44.2	45.3	45.2	45.2	45.4	45.5	45.5	45.6	45.6	45.6	45.6
≥ 20000	18.9	42.1	45.4	47.5	48.8	49.2	49.9	50.2	50.2	50.4	50.5	50.5	50.6	50.6	50.6	50.6
IV 18000	18.9	42.1	45.4	47.6	48.9	49.2	50.0	50.2	50.3	50.4	50.5	50.5	50.6	50.6	50.6	50.6
IV 16000	19.2	42.4	45.8	47.9	49.2	49.6	50.3	50.6	50.6	50.8	50.9	50.9	51.0	51.0	51.0	51.0
IV 14000	19.2	42.9	46.3	48.5	49.9	50.3	51.0	51.3	51.3	51.5	51.6	51.6	51.7	51.7	51.7	51.7
IV 12000	20.0	44.3	47.8	50.0	51.5	51.8	52.6	52.9	52.9	53.1	53.2	53.2	53.3	53.3	53.3	53.3
IV 10000	20.7	46.6	50.3	52.5	53.9	54.3	55.0	55.4	55.4	55.6	55.7	55.7	55.8	55.8	55.8	55.8
IV 9000	20.9	47.4	51.4	53.7	55.3	55.7	56.5	56.8	56.8	57.0	57.1	57.1	57.2	57.2	57.2	57.2
IV 8000	21.7	49.5	53.7	56.2	57.8	58.3	59.1	59.4	59.4	59.6	59.7	59.7	59.8	59.8	59.8	59.8
IV 7000	22.2	51.2	55.6	58.1	59.9	60.4	61.2	61.5	61.6	61.8	61.9	61.9	62.0	62.0	62.0	62.0
IV 6000	22.4	52.2	56.7	59.3	61.1	61.6	62.5	62.8	62.9	63.1	63.2	63.2	63.3	63.3	63.3	63.3
IV 5000	23.0	54.4	59.0	62.0	63.8	64.2	65.1	65.4	65.5	65.8	65.9	65.9	66.0	66.0	66.0	66.1
IV 4500	23.2	55.3	60.1	63.0	64.9	65.4	66.3	66.7	66.7	67.1	67.1	67.1	67.2	67.2	67.2	67.3
IV 4000	23.5	57.2	62.2	65.1	67.0	67.5	68.4	68.8	68.8	69.2	69.3	69.3	69.4	69.4	69.4	69.4
IV 3500	24.2	58.6	63.7	66.7	68.7	69.2	70.1	70.4	70.5	70.8	71.0	71.0	71.1	71.1	71.1	71.1
IV 3000	25.3	60.9	66.4	69.6	71.6	72.1	73.3	73.7	73.8	74.2	74.3	74.3	74.4	74.4	74.4	74.5
IV 2500	26.0	63.3	69.1	72.5	74.6	75.2	76.4	76.8	77.0	77.4	77.5	77.5	77.6	77.6	77.6	77.6
IV 2000	27.3	67.2	73.4	77.1	79.5	80.1	81.3	81.8	82.0	82.4	82.5	82.5	82.6	82.6	82.6	82.6
IV 1800	27.9	68.6	74.9	78.6	81.0	81.6	82.8	83.3	83.5	83.9	84.0	84.0	84.1	84.1	84.1	84.2
IV 1500	28.4	70.6	77.1	81.1	83.7	84.2	85.4	86.0	86.2	86.6	86.7	86.7	86.8	86.8	86.8	86.8
IV 1200	28.6	71.7	78.8	83.1	85.9	86.5	87.8	88.4	88.6	89.0	89.2	89.2	89.3	89.3	89.3	89.4
IV 1000	28.6	72.2	79.4	84.0	87.1	87.7	89.1	89.8	90.0	90.5	90.6	90.6	90.8	90.8	90.8	90.9
IV 900	28.7	72.8	80.2	84.9	88.2	88.9	90.4	91.2	91.3	91.8	92.0	92.0	92.1	92.1	92.2	92.2
IV 800	28.7	73.3	80.8	85.8	89.3	90.1	91.8	92.6	92.9	93.5	93.7	93.8	93.9	93.9	94.0	94.0
IV 700	28.7	73.5	81.3	86.4	90.3	91.2	93.0	93.8	94.1	94.8	95.0	95.0	95.2	95.2	95.3	95.3
IV 600	28.7	73.4	81.5	86.7	90.7	91.7	93.6	94.4	94.7	95.4	95.7	95.8	96.0	96.2	96.2	96.3
IV 500	28.7	73.7	81.6	87.0	91.2	92.2	94.4	95.4	95.7	96.5	96.9	97.0	97.2	97.4	97.4	97.5
IV 400	28.7	73.8	81.7	87.1	91.3	92.5	95.0	96.4	96.7	97.5	98.1	98.0	98.3	98.5	98.6	98.8
IV 300	28.7	73.8	81.7	87.1	91.4	92.6	95.1	96.6	96.9	97.9	98.5	98.5	98.9	99.0	99.1	99.4
IV 200	28.7	73.6	81.7	87.1	91.4	92.6	95.1	96.7	96.9	97.9	98.6	98.6	99.0	99.1	99.2	99.6
IV 100	28.7	73.8	81.7	87.1	91.4	92.6	95.1	96.7	96.9	97.9	98.6	98.6	99.0	99.1	99.3	99.8
IV 0	29.7	73.8	81.7	87.1	91.4	92.6	95.1	96.7	96.9	97.9	98.6	98.6	99.0	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2240

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44,50-72  
YEARS

VIIV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.1	43.4	44.4	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 20000	28.4	50.6	51.8	52.3	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
IV 18000	28.5	50.7	52.1	52.5	52.9	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 16000	28.8	51.1	52.5	52.9	53.3	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 14000	29.4	52.3	53.6	54.0	54.4	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 12000	30.1	53.8	55.1	55.6	56.0	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 10000	30.6	55.4	57.2	57.7	58.1	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 9000	31.4	56.9	58.3	58.8	59.3	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 8000	32.2	59.0	60.4	61.0	61.4	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 7000	32.4	60.4	61.9	62.6	63.0	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 6000	32.6	61.9	62.6	63.4	63.9	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 5000	33.6	63.3	65.1	66.0	66.5	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 4500	33.3	64.0	65.8	66.8	67.3	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 4000	34.3	66.1	68.0	69.1	69.6	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 3500	35.0	67.5	69.5	70.6	71.2	71.3	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 3000	37.1	71.4	73.6	74.7	75.3	75.5	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 2500	38.0	74.8	77.6	78.9	79.5	79.7	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 2000	40.1	79.1	82.3	84.0	84.7	85.0	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 1800	40.5	80.7	83.9	85.8	86.6	86.9	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
IV 1600	41.2	82.7	85.3	88.2	89.1	89.4	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
IV 1400	41.5	83.9	87.7	90.2	91.2	91.7	92.1	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
IV 1200	41.4	84.0	88.0	90.8	91.9	92.5	93.0	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
IV 1000	41.5	84.2	88.1	91.1	92.3	93.0	93.5	93.7	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0
IV 900	41.5	84.4	88.5	91.8	93.1	93.8	94.4	94.7	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1
IV 800	41.7	84.8	88.9	92.3	93.7	94.6	95.3	95.5	95.7	95.9	96.1	96.1	96.1	96.2	96.2	96.2
IV 700	41.7	84.9	89.0	92.4	94.1	95.1	96.2	96.6	96.7	96.9	97.2	97.2	97.2	97.3	97.3	97.3
IV 600	41.7	85.0	89.2	92.7	94.7	95.8	97.0	97.5	97.6	97.9	98.2	98.2	98.2	98.4	98.4	98.4
IV 500	41.7	85.1	89.2	92.9	94.9	96.0	97.3	97.9	98.1	98.5	98.8	98.8	98.9	99.1	99.2	99.2
IV 400	41.7	85.0	89.2	92.9	95.0	96.1	97.4	98.3	98.5	99.1	99.4	99.4	99.5	99.7	99.7	99.8
IV 300	41.7	85.0	89.2	92.9	95.0	96.1	97.5	98.4	98.6	99.2	99.5	99.5	99.6	99.8	99.8	99.9
IV 200	41.7	85.0	89.2	92.9	95.0	96.1	97.5	98.4	98.6	99.2	99.6	99.6	99.6	99.9	99.9	100.0
IV 100	41.7	85.0	89.2	92.9	95.0	96.1	97.5	98.4	98.6	99.2	99.6	99.6	99.6	99.9	99.9	100.0
IV 0	41.7	85.0	89.2	92.9	95.0	96.1	97.5	98.4	98.6	99.2	99.6	99.6	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2243

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44,50-72  
YEARS

NOV  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.0	44.1	45.2	45.7	45.9	45.9	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	28.5	51.5	53.1	53.6	53.8	53.9	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 18000	28.7	51.6	53.4	53.9	54.1	54.2	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 16000	29.2	52.3	53.9	54.5	54.7	54.7	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 14000	29.7	53.3	54.9	55.5	55.7	55.7	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 12000	30.8	55.6	57.3	57.8	58.1	58.1	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6
IV 10000	31.8	58.5	60.1	60.7	60.9	61.0	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 9000	32.1	59.3	61.0	61.6	61.8	61.9	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 8000	32.7	61.0	63.3	63.9	64.2	64.3	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 7000	33.1	63.5	65.4	66.2	66.4	66.6	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 6000	33.1	64.5	66.5	67.2	67.6	67.7	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 5000	34.3	66.9	69.1	69.9	70.3	70.4	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 4500	34.9	68.1	70.3	71.1	71.5	71.7	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 4000	35.4	70.3	72.8	73.7	74.2	74.4	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 3500	36.3	72.4	75.1	76.0	76.5	76.7	77.2	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 3000	37.6	75.5	78.3	79.4	80.1	80.4	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 2500	38.9	79.2	81.5	82.8	83.7	83.9	84.6	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 2000	39.8	81.2	85.1	86.6	87.6	87.9	88.7	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1800	39.9	81.9	85.9	87.5	88.5	88.9	89.7	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1500	40.2	82.8	87.1	88.9	90.0	90.4	91.2	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 1200	40.2	83.6	88.2	90.3	91.5	92.0	92.8	93.1	93.1	93.4	93.6	93.6	93.6	93.6	93.6	93.6
IV 1000	40.3	84.0	89.0	91.2	92.6	93.1	93.9	94.3	94.3	94.7	95.0	95.0	95.0	95.0	95.0	95.0
IV 900	40.3	84.2	89.2	91.5	93.1	93.6	94.4	94.9	94.9	95.4	95.7	95.7	95.7	95.7	95.7	95.7
IV 800	40.3	84.5	89.6	92.1	93.8	94.3	95.3	95.9	95.9	96.5	96.8	96.8	96.8	96.8	96.8	96.8
IV 700	40.4	84.7	89.8	92.3	94.1	94.7	95.7	96.3	96.4	97.0	97.4	97.4	97.4	97.5	97.5	97.5
IV 600	40.4	84.8	89.9	92.6	94.4	95.0	96.1	96.9	97.0	97.6	98.1	98.1	98.2	98.2	98.2	98.2
IV 500	40.4	84.9	90.0	92.8	94.7	95.3	96.5	97.2	97.4	98.1	98.8	98.8	98.8	98.8	98.9	98.9
IV 400	40.4	84.9	90.0	92.8	94.7	95.3	96.6	97.5	97.6	98.4	99.1	99.1	99.2	99.2	99.2	99.3
IV 300	40.4	84.9	90.0	92.8	94.7	95.4	96.7	97.7	97.9	98.7	99.4	99.4	99.5	99.5	99.6	99.6
IV 200	40.4	84.9	90.0	92.9	94.7	95.5	96.8	97.8	97.8	98.0	99.0	99.7	99.7	99.8	99.9	100.0
IV 100	40.4	84.9	90.0	92.9	94.7	95.5	96.8	97.8	98.0	99.0	99.7	99.7	99.8	99.9	100.0	100.0
IV 0	40.4	84.9	90.0	92.9	94.7	95.5	96.8	97.8	98.0	99.0	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2246

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44,50-72  
YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/16
NO CEILING	14.6	46.9	49.5	51.0	51.9	52.1	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.8
≥ 20000	15.7	51.2	54.0	55.7	56.6	56.8	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.5	57.5	57.6
W 18000	15.9	51.4	54.2	55.8	56.7	57.0	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.7	57.7	57.8
W 16000	15.9	51.5	54.4	56.0	56.9	57.1	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.9	57.9	57.9
W 14000	16.2	52.4	55.3	56.9	57.8	58.0	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.8	58.8	58.9
W 12000	16.8	54.0	56.9	58.5	59.4	59.6	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.5
W 10000	17.2	57.0	59.9	61.6	62.5	62.7	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.6
W 9000	17.2	57.5	60.4	62.1	63.0	63.3	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.1	64.1	64.2
W 8000	17.5	59.2	62.2	63.9	64.8	65.1	65.7	65.8	65.8	65.9	65.9	65.9	65.9	66.0	66.0	66.0
W 7000	17.8	61.2	64.7	66.4	67.4	67.7	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.6	68.6	68.7
W 6000	18.0	63.0	66.4	68.2	69.2	69.4	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6
W 5000	18.2	65.5	69.2	71.1	72.1	72.4	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.5	73.5	73.6
W 4500	18.7	66.9	70.7	72.6	73.7	74.0	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.1	75.1	75.2
W 4000	19.2	69.6	73.6	75.7	77.0	77.3	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.6
W 3500	19.9	71.5	75.6	77.9	79.2	79.5	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.7	80.7
W 3000	20.4	73.7	78.1	80.7	82.2	82.5	83.4	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.9
W 2500	21.1	76.0	80.8	83.7	85.3	85.6	86.5	86.6	86.6	86.9	86.9	86.9	86.9	86.9	87.0	87.0
W 2000	21.2	78.0	83.4	86.5	88.8	89.0	90.0	90.2	90.2	90.4	90.4	90.4	90.4	90.5	90.5	90.6
W 1800	21.2	78.3	83.9	87.6	89.4	89.7	90.6	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.2	91.2
W 1500	21.3	79.2	84.9	88.9	90.8	91.1	92.2	92.3	92.3	92.6	92.6	92.6	92.6	92.7	92.7	92.8
W 1200	21.3	79.9	86.0	90.2	92.1	92.5	93.6	93.8	93.8	94.0	94.0	94.0	94.0	94.1	94.1	94.3
W 1000	21.4	80.7	87.0	91.3	93.4	93.9	95.0	95.2	95.2	95.5	95.5	95.5	95.5	95.7	95.7	95.8
W 900	21.4	80.9	87.2	91.7	93.9	94.4	95.5	95.7	95.8	96.1	96.2	96.2	96.2	96.3	96.3	96.4
W 800	21.4	81.0	87.4	92.0	94.1	94.7	95.9	96.2	96.2	96.6	96.6	96.6	96.6	96.7	96.7	96.9
W 700	21.4	81.1	87.6	92.2	94.5	95.2	96.5	96.7	96.8	97.1	97.2	97.2	97.2	97.3	97.3	97.4
W 600	21.4	81.1	87.6	92.2	94.6	95.3	96.9	97.1	97.2	97.6	97.8	97.8	97.8	97.9	97.9	98.1
W 500	21.4	81.1	87.6	92.2	94.6	95.3	97.1	97.3	97.4	97.9	98.0	98.0	98.0	98.2	98.2	98.3
W 400	21.4	81.1	87.6	92.2	94.7	95.5	97.3	97.5	97.6	98.1	98.3	98.3	98.3	98.4	98.4	98.6
W 300	21.4	81.2	87.7	92.5	95.0	95.7	97.8	98.1	98.2	98.7	98.9	98.9	98.9	99.0	99.1	99.3
W 200	21.4	81.2	87.7	92.6	95.1	95.9	97.9	98.3	98.5	99.1	99.3	99.3	99.3	99.5	99.5	99.8
W 100	21.4	81.2	87.7	92.6	95.1	95.9	97.9	98.3	98.5	99.1	99.3	99.3	99.3	99.6	99.6	99.9
W 0	21.4	81.2	87.7	92.6	95.1	95.9	97.9	98.3	98.5	99.1	99.3	99.3	99.3	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2235

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806 FORT CAMPBELL KY/CAMPBELL AAF

43-44, 50-72

117V  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.7	46.7	50.3	52.5	53.4	53.6	54.1	54.4	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.9
≥ 20000	12.7	50.6	54.4	56.6	57.9	58.0	58.7	59.0	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.5
IV 18000	12.7	50.6	54.4	56.6	57.9	58.0	58.7	59.0	59.1	59.1	59.1	59.1	59.2	59.2	59.3	59.5
IV 16000	12.8	50.6	54.5	56.7	57.9	58.1	58.8	59.1	59.1	59.1	59.1	59.1	59.2	59.3	59.3	59.6
IV 14000	12.9	51.5	55.3	57.5	58.7	58.9	59.7	59.9	60.0	60.0	60.0	60.0	60.2	60.2	60.2	60.5
IV 12000	13.4	53.2	57.0	59.2	60.4	60.6	61.4	61.7	61.8	61.8	61.8	61.8	61.9	61.9	62.0	62.2
IV 10000	13.8	55.3	59.2	61.4	62.6	62.9	63.6	63.9	64.0	64.0	64.0	64.0	64.1	64.1	64.2	64.5
IV 9000	13.9	56.2	60.2	62.6	63.8	64.0	64.3	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.6
IV 8000	14.2	58.0	62.3	64.8	65.9	66.1	66.9	67.2	67.3	67.3	67.3	67.3	67.4	67.4	67.5	67.8
IV 7000	14.4	59.5	64.0	66.4	67.8	68.1	69.0	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.5	69.8
IV 6000	14.8	60.9	65.3	67.7	69.2	69.5	70.4	70.7	70.8	70.8	70.8	70.8	70.9	70.9	71.0	71.2
IV 5000	15.1	63.9	68.6	71.1	72.5	72.8	73.8	74.0	74.1	74.1	74.1	74.1	74.3	74.3	74.4	74.6
IV 4500	15.4	65.2	70.1	72.7	74.2	74.5	75.4	75.7	75.8	75.8	75.8	75.8	76.0	76.0	76.0	76.3
IV 4000	15.6	67.3	72.5	75.3	76.9	77.3	78.3	78.5	78.6	78.6	78.6	78.6	78.8	78.8	78.9	79.1
IV 3500	16.1	69.1	74.7	77.5	79.3	79.7	80.7	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.3	81.5
IV 3000	16.6	71.6	77.7	80.6	82.5	82.8	83.9	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.5	84.7
IV 2500	17.2	73.5	79.8	83.0	84.9	85.2	86.3	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.9	87.2
IV 2000	17.3	75.1	82.0	85.2	87.3	87.6	88.8	89.1	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.7
IV 1800	17.4	75.9	83.0	86.3	88.4	88.7	89.8	90.1	90.2	90.2	90.2	90.2	90.4	90.4	90.5	90.7
IV 1500	17.6	76.6	83.8	87.2	89.3	89.7	90.8	91.1	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.7
IV 1200	17.6	77.6	85.0	88.7	90.9	91.3	92.5	92.8	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.4
IV 1000	17.6	78.1	85.7	89.7	92.1	92.5	93.7	94.0	94.1	94.2	94.2	94.2	94.4	94.4	94.4	94.7
IV 900	17.6	78.4	86.0	90.1	92.5	92.9	94.1	94.4	94.5	94.6	94.6	94.6	94.8	94.8	94.8	95.1
IV 800	17.6	78.9	86.5	90.6	93.2	93.6	94.8	95.2	95.3	95.5	95.5	95.5	95.6	95.6	95.7	95.9
IV 700	17.6	79.2	86.9	91.2	93.9	94.4	95.7	96.0	96.1	96.3	96.3	96.3	96.5	96.5	96.6	96.8
IV 600	17.6	79.3	87.2	91.5	94.3	94.9	96.1	96.5	96.6	97.0	97.1	97.1	97.2	97.3	97.4	97.6
IV 500	17.6	79.3	87.3	91.7	94.6	95.1	96.4	96.8	96.9	97.3	97.4	97.4	97.5	97.6	97.7	97.9
IV 400	17.6	79.3	87.3	91.7	94.7	95.3	96.8	97.3	97.4	98.1	98.1	98.1	98.3	98.3	98.4	98.7
IV 300	17.6	79.4	87.4	91.8	95.0	95.5	97.1	97.7	97.8	98.5	98.5	98.5	98.7	98.8	98.9	99.2
IV 200	17.6	79.4	87.5	91.9	95.0	95.6	97.2	97.8	97.9	98.7	98.8	98.8	98.9	99.0	99.1	99.4
IV 100	17.6	79.4	87.5	91.9	95.0	95.6	97.2	97.8	97.9	98.8	98.8	98.8	99.0	99.1	99.3	99.6
IV 0	17.6	79.4	87.5	91.9	95.0	95.6	97.2	97.8	97.9	98.8	98.8	98.8	99.0	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2242

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBIL

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44,50-72  
YEARS

DEC  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.4	38.1	41.4	43.2	44.3	44.4	45.1	45.1	45.1	45.4	45.6	45.6	45.6	45.7	45.8	45.9
IV 20000	7.1	41.2	44.9	46.9	48.1	48.2	49.0	49.0	49.0	49.3	49.5	49.5	49.5	49.7	49.8	49.9
IV 18000	7.2	41.4	45.1	47.1	48.3	48.4	49.2	49.2	49.2	49.5	49.6	49.6	49.7	49.9	50.0	50.0
IV 16000	7.2	41.6	45.4	47.5	48.7	48.8	49.5	49.6	49.6	49.9	50.0	50.0	50.1	50.3	50.4	50.4
IV 14000	7.3	42.1	46.0	48.1	49.4	49.5	50.2	50.3	50.3	50.6	50.7	50.7	50.8	51.0	51.1	51.1
IV 12000	7.3	43.2	47.4	49.5	50.8	50.9	51.7	51.7	51.7	52.0	52.1	52.1	52.2	52.4	52.5	52.5
IV 10000	7.4	44.7	48.9	51.1	52.4	52.4	53.2	53.3	53.3	53.6	53.7	53.7	53.7	54.0	54.0	54.1
IV 9000	7.5	45.3	49.6	51.8	53.1	53.2	54.1	54.2	54.2	54.5	54.6	54.6	54.7	54.9	55.0	55.0
IV 8000	7.8	47.5	52.1	54.2	55.8	55.9	56.8	56.9	56.9	57.2	57.4	57.4	57.4	57.6	57.7	57.8
IV 7000	7.9	49.0	53.7	56.0	57.4	57.5	58.5	58.6	58.6	58.9	59.1	59.1	59.1	59.3	59.4	59.5
IV 6000	8.0	50.0	55.0	57.3	58.7	58.8	59.8	59.9	59.9	60.2	60.4	60.4	60.5	60.7	60.8	60.8
IV 5000	8.2	52.5	57.7	60.2	61.7	61.8	62.8	62.8	62.8	63.2	63.4	63.4	63.4	63.7	63.8	63.8
IV 4500	8.3	53.7	59.1	61.8	63.3	63.4	64.4	64.4	64.4	64.7	64.9	64.9	65.0	65.3	65.4	65.4
IV 4000	8.4	55.0	60.5	63.4	65.0	65.0	66.0	66.1	66.1	66.4	66.6	66.6	66.7	67.0	67.0	67.1
IV 3500	8.5	56.2	62.0	65.0	66.7	66.9	67.9	68.0	68.0	68.3	68.5	68.5	68.6	68.9	68.9	69.0
IV 3000	8.7	58.2	64.1	67.2	69.3	69.5	70.6	70.6	70.6	71.0	71.2	71.2	71.2	71.5	71.6	71.7
IV 2500	8.9	60.2	66.3	69.6	71.8	72.0	73.1	73.2	73.2	73.5	73.7	73.7	73.8	74.1	74.2	74.3
IV 2000	9.4	63.2	69.5	72.8	75.3	75.6	76.7	76.8	76.8	77.2	77.3	77.3	77.5	77.7	77.8	77.9
IV 1800	9.5	64.9	71.1	74.6	77.1	77.4	78.6	78.7	78.7	79.0	79.2	79.2	79.3	79.6	79.7	79.8
IV 1500	9.6	67.0	73.4	77.1	79.7	80.0	81.3	81.4	81.4	81.8	82.0	82.0	82.2	82.5	82.5	82.8
IV 1200	9.7	68.4	75.1	79.0	82.0	82.2	83.7	83.8	83.8	84.2	84.4	84.4	84.6	84.8	84.9	85.1
IV 1000	9.7	69.5	76.6	80.7	84.4	84.7	86.5	86.6	86.6	87.1	87.2	87.2	87.4	87.7	87.8	88.0
IV 900	9.7	69.9	77.1	81.2	85.0	85.4	87.2	87.4	87.4	87.8	88.0	88.0	88.2	88.4	88.5	88.7
IV 800	9.7	70.6	78.0	82.3	86.2	86.5	88.6	88.8	88.8	89.3	89.5	89.5	89.7	90.0	90.0	90.3
IV 700	9.7	71.1	79.0	83.5	87.7	88.1	90.1	90.3	90.4	90.9	91.0	91.0	91.3	91.5	91.6	91.8
IV 600	9.7	71.4	79.6	84.3	88.6	89.0	91.1	91.3	91.4	91.9	92.2	92.2	92.4	92.6	92.7	92.9
IV 500	9.7	71.5	79.8	84.8	89.3	89.8	91.9	92.4	92.6	93.2	93.4	93.4	93.7	94.0	94.1	94.3
IV 400	9.7	71.9	80.3	85.4	90.2	90.7	93.1	93.6	94.0	94.8	95.1	95.1	95.5	95.8	95.9	96.1
IV 300	9.7	72.2	80.9	86.2	91.1	91.6	94.1	94.8	95.2	96.2	96.8	96.8	97.6	97.9	98.1	98.5
IV 200	9.7	72.2	80.9	86.2	91.1	91.7	94.2	95.0	95.4	96.5	97.2	97.3	98.2	98.5	98.8	99.3
IV 100	9.7	72.2	80.9	86.2	91.1	91.7	94.2	95.0	95.4	96.6	97.3	97.4	98.3	98.7	99.0	99.6
IV 0	9.7	72.2	80.9	86.2	91.1	91.7	94.2	95.0	95.4	96.6	97.3	97.4	98.3	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2309

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44,50-72  
YEARS

DEC  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	6.3	35.1	38.7	41.6	42.7	42.7	43.2	43.3	43.3	43.3	43.5	43.6	43.6	43.7	43.8	44.1
IV 20000	6.6	38.5	42.4	45.4	46.5	46.6	47.2	47.2	47.3	47.5	47.5	47.6	47.7	47.8	48.1	48.3
IV 18000	6.7	38.6	42.6	45.5	46.6	46.7	47.3	47.4	47.4	47.6	47.7	47.8	47.9	47.9	48.2	48.5
IV 16000	6.8	38.8	42.9	46.0	47.2	47.2	47.9	47.9	47.9	48.1	48.2	48.3	48.4	48.4	48.7	49.0
IV 14000	6.9	39.3	43.5	46.6	47.8	47.9	48.5	48.5	48.6	48.8	48.9	48.9	49.0	49.1	49.4	49.6
IV 12000	7.1	40.2	44.6	47.9	49.0	49.1	49.7	49.8	49.8	50.0	50.1	50.2	50.2	50.3	50.6	50.8
IV 10000	7.5	42.1	46.6	49.6	51.1	51.1	51.8	51.8	51.8	52.0	52.1	52.2	52.2	52.3	52.6	52.9
IV 9000	7.9	42.3	46.9	50.2	51.5	51.6	52.4	52.4	52.5	52.6	52.7	52.8	52.9	52.9	53.2	53.5
IV 8000	7.8	44.0	48.8	52.2	53.6	53.7	54.5	54.5	54.6	54.8	55.0	55.1	55.1	55.2	55.5	55.7
IV 7000	7.9	45.1	49.9	53.4	54.8	54.9	55.7	55.7	55.8	56.1	56.2	56.3	56.4	56.4	56.7	57.0
IV 6000	7.9	46.2	51.3	54.7	56.2	56.2	57.0	57.1	57.1	57.4	57.5	57.6	57.7	57.7	58.0	58.3
IV 5000	8.1	48.9	54.0	57.5	59.0	59.1	59.9	60.0	60.0	60.3	60.4	60.5	60.6	60.6	60.9	61.2
IV 4500	8.1	49.8	55.0	58.5	60.0	60.1	60.9	61.0	61.0	61.3	61.4	61.5	61.6	61.6	61.9	62.2
IV 4000	8.2	51.0	56.1	59.8	61.4	61.5	62.4	62.4	62.5	62.7	62.9	63.0	63.0	63.1	63.4	63.6
IV 3500	8.6	52.7	58.2	62.0	63.7	63.9	64.7	64.8	64.9	65.2	65.3	65.4	65.5	65.5	65.8	66.1
IV 3000	8.7	54.6	60.3	64.2	66.1	66.2	67.2	67.2	67.3	67.6	67.7	67.8	67.9	67.9	68.2	68.5
IV 2500	8.9	56.6	62.5	66.6	68.7	68.9	69.9	70.0	70.2	70.4	70.5	70.6	70.7	70.8	71.1	71.3
IV 2000	9.4	59.7	65.7	69.9	72.3	72.6	73.7	73.8	74.1	74.4	74.5	74.6	74.7	74.7	75.0	75.3
IV 1800	9.6	60.7	67.0	71.3	73.8	74.1	75.2	75.4	75.6	75.9	76.0	76.1	76.2	76.2	76.5	76.8
IV 1500	9.8	62.9	69.6	74.2	76.7	77.0	78.4	78.5	78.8	79.2	79.4	79.5	79.7	79.7	80.0	80.3
IV 1200	9.9	65.2	72.4	77.1	79.9	80.2	81.7	82.0	82.3	82.8	83.0	83.0	83.2	83.3	83.6	83.8
IV 1000	10.0	66.2	73.9	79.3	82.5	83.0	84.6	85.0	85.3	85.9	86.1	86.2	86.4	86.4	86.7	87.0
IV 900	10.0	66.6	74.5	80.0	83.4	83.9	85.7	86.1	86.4	87.0	87.2	87.2	87.5	87.5	87.8	88.1
IV 800	10.0	67.2	75.3	81.1	84.5	85.0	86.9	87.3	87.6	88.2	88.4	88.5	88.8	88.8	89.1	89.4
IV 700	10.0	68.1	76.4	82.3	85.9	86.4	88.5	88.9	89.2	89.8	89.9	90.0	90.4	90.5	90.8	91.1
IV 600	10.0	68.5	77.3	83.4	87.2	87.8	90.0	90.5	90.8	91.5	91.6	91.7	92.1	92.1	92.5	92.8
IV 500	10.0	68.9	78.0	84.3	88.2	88.8	91.1	91.9	92.3	93.0	93.2	93.3	93.8	93.9	94.2	94.6
IV 400	10.0	69.2	78.3	84.7	88.7	89.3	91.8	92.8	93.3	94.2	94.5	94.7	95.2	95.3	95.6	96.0
IV 300	10.0	69.4	78.9	85.5	89.7	90.4	93.2	94.2	94.7	95.6	96.0	96.1	96.9	97.1	97.4	97.9
IV 200	10.0	69.5	79.0	85.6	89.8	90.5	93.4	94.5	95.0	96.1	96.5	96.7	97.5	97.7	98.2	98.7
IV 100	10.0	69.5	79.0	85.6	89.9	90.6	93.6	94.7	95.2	96.3	96.7	96.9	97.7	98.0	98.6	99.3
IV 0	10.0	69.5	79.0	85.6	89.9	90.6	93.6	94.7	95.2	96.3	96.7	96.9	97.7	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2305



DATA PROCESSING AKA-CH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44,50-72  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.8	27.1	31.3	33.9	35.6	36.2	37.0	37.3	37.5	38.1	38.3	38.3	38.7	38.7	38.9	39.2
≥ 20000	7.1	29.7	34.5	37.4	39.2	39.9	40.8	41.4	41.5	42.1	42.4	42.4	42.8	42.8	43.0	43.4
IV 18000	7.1	29.7	34.5	37.4	39.2	39.9	40.8	41.4	41.5	42.1	42.4	42.4	42.8	42.8	43.0	43.4
IV 16000	7.3	29.9	34.6	37.5	39.4	40.1	41.0	41.6	41.7	42.4	42.7	42.7	43.0	43.0	43.3	43.6
IV 14000	7.4	30.4	35.2	38.4	40.2	41.0	41.9	42.4	42.6	43.3	43.5	43.5	43.9	43.9	44.1	44.5
IV 12000	7.8	31.7	36.8	40.2	42.2	43.0	43.9	44.5	44.6	45.4	45.7	45.7	46.1	46.1	46.3	46.7
IV 10000	8.0	33.9	39.2	42.7	44.9	45.6	46.6	47.3	47.5	48.3	48.5	48.5	49.0	49.0	49.2	49.5
IV 9000	8.0	34.8	40.2	43.8	46.0	46.7	47.7	48.4	48.5	49.4	49.6	49.6	50.0	50.0	50.3	50.6
IV 8000	8.2	36.7	42.4	46.4	48.8	49.5	50.6	51.3	51.4	52.4	52.7	52.7	53.2	53.2	53.4	53.7
IV 7000	8.4	38.1	43.8	47.9	50.2	51.1	52.2	52.9	53.0	54.0	54.3	54.3	54.7	54.7	55.0	55.4
IV 6000	8.5	38.9	44.7	48.9	51.4	52.2	53.3	54.1	54.2	55.1	55.4	55.4	55.9	55.9	56.1	56.5
IV 5000	8.6	40.7	46.8	51.1	53.8	54.5	55.7	56.5	56.6	57.6	57.9	57.9	58.4	58.4	58.6	59.0
IV 4500	8.9	41.5	47.6	52.0	54.6	55.4	56.6	57.4	57.6	58.5	58.8	58.8	59.3	59.3	59.5	59.9
IV 4000	9.0	42.4	48.5	52.9	55.7	56.5	57.9	58.8	58.9	59.8	60.2	60.2	60.7	60.7	60.9	61.3
IV 3500	9.2	43.9	50.3	54.8	57.6	58.4	59.8	60.7	60.8	61.7	62.1	62.1	62.6	62.6	62.8	63.2
IV 3000	9.2	45.5	52.2	56.8	59.8	60.7	62.3	63.3	63.5	64.4	64.8	64.8	65.3	65.3	65.5	65.9
IV 2500	9.4	47.1	54.1	58.7	62.1	63.1	64.8	65.9	66.1	67.1	67.5	67.5	68.0	68.0	68.2	68.6
IV 2000	9.8	50.7	58.1	62.9	66.6	67.7	69.3	70.5	70.6	71.8	72.2	72.2	72.8	72.8	73.0	73.4
IV 1800	10.0	52.1	59.5	64.4	68.2	69.3	71.1	72.3	72.5	73.7	74.1	74.1	74.7	74.7	74.9	75.3
IV 1500	10.2	54.0	62.0	67.0	70.9	72.0	73.8	75.1	75.3	76.6	77.0	77.0	77.5	77.5	77.8	78.2
IV 1200	10.4	56.0	65.1	70.5	74.5	75.7	77.6	79.1	79.2	80.6	81.0	81.0	81.5	81.5	81.8	82.2
IV 1000	10.5	57.0	66.5	72.1	76.5	77.9	80.3	81.7	81.9	83.5	83.9	83.9	84.5	84.5	84.9	85.3
IV 900	10.5	57.6	67.2	73.1	77.7	79.1	81.5	83.0	83.1	84.7	85.2	85.2	85.8	85.8	86.2	86.6
IV 800	10.5	58.1	68.1	74.0	78.8	80.4	82.9	84.5	84.6	86.2	86.7	86.7	87.3	87.3	87.7	88.1
IV 700	10.5	58.7	69.3	75.3	80.4	81.9	84.8	86.4	86.5	88.3	88.7	88.7	89.6	89.6	90.0	90.4
IV 600	10.5	59.2	70.1	76.6	81.9	83.5	86.7	88.3	88.4	90.3	90.8	90.9	91.9	92.1	92.3	92.7
IV 500	10.5	59.3	70.6	77.2	82.8	84.6	87.9	89.5	89.7	91.7	92.4	92.4	93.5	93.8	94.1	94.5
IV 400	10.5	59.4	70.6	77.4	83.1	85.0	88.6	90.3	90.5	92.9	93.7	93.8	94.9	95.2	95.6	95.9
IV 300	10.5	59.5	70.7	77.5	83.3	85.4	89.0	90.7	91.0	93.4	94.4	94.5	95.9	96.2	96.3	97.0
IV 200	10.5	59.5	70.8	77.6	83.5	85.5	89.4	91.1	91.5	94.0	95.2	95.2	96.7	97.1	97.7	98.1
IV 100	10.5	59.5	70.8	77.6	83.5	85.6	89.5	91.2	91.6	94.1	95.4	95.5	97.1	97.5	98.3	99.3
IV 0	10.5	59.5	70.8	77.6	83.5	85.6	89.5	91.2	91.6	94.2	95.5	95.6	97.2	97.6	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2316

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44, 50-72  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.5	31.9	34.1	35.4	35.8	36.0	36.3	36.3	36.3	36.5	36.6	36.6	36.6	36.6	36.6	36.7
≥ 20000	14.2	36.3	39.1	40.9	41.6	41.9	42.3	42.4	42.4	42.6	42.7	42.7	42.7	42.8	42.8	42.8
IV 18000	14.2	36.3	39.1	40.9	41.6	41.9	42.3	42.4	42.4	42.6	42.7	42.7	42.7	42.8	42.8	42.8
IV 16000	14.4	36.4	39.3	41.0	41.7	42.1	42.5	42.5	42.5	42.8	42.8	42.8	42.8	42.9	42.9	43.0
IV 14000	14.6	37.4	40.4	42.1	42.9	43.2	43.6	43.7	43.7	44.0	44.0	44.0	44.0	44.1	44.1	44.2
IV 12000	15.1	39.2	42.3	44.2	45.0	45.3	45.8	45.8	45.8	46.1	46.2	46.2	46.2	46.3	46.3	46.4
IV 10000	15.4	41.2	44.6	46.7	47.8	48.2	48.7	48.7	48.7	49.2	49.3	49.3	49.3	49.4	49.4	49.5
IV 9000	15.5	41.9	45.4	47.7	4.9	49.4	49.8	49.9	49.9	50.3	50.4	50.4	50.5	50.6	50.6	50.6
IV 8000	15.7	43.6	47.3	49.8	51.3	51.7	52.2	52.3	52.3	52.8	52.9	52.9	53.0	53.0	53.0	53.1
IV 7000	16.1	45.2	49.1	51.7	53.4	53.9	54.4	54.6	54.6	55.0	55.2	55.2	55.3	55.3	55.3	55.4
IV 6000	16.3	46.6	50.6	53.2	55.0	55.5	56.1	56.3	56.3	56.7	56.9	56.9	56.9	57.0	57.0	57.1
IV 5000	16.4	47.6	51.9	54.7	56.5	57.0	57.7	57.9	57.9	58.3	58.5	58.5	58.6	58.6	58.6	58.7
IV 4500	16.4	47.9	52.5	55.3	57.1	57.6	58.4	58.5	58.5	59.0	59.1	59.1	59.2	59.3	59.3	59.4
IV 4000	16.8	49.2	53.8	56.7	58.6	59.1	60.0	60.1	60.1	60.6	60.8	60.8	60.9	61.0	61.0	61.0
IV 3500	17.0	50.3	55.2	58.3	60.2	60.7	61.6	61.8	61.8	62.2	62.5	62.5	62.6	62.6	62.6	62.7
IV 3000	17.6	52.4	57.5	60.9	63.0	63.6	64.5	64.8	64.8	65.3	65.5	65.5	65.6	65.7	65.7	65.7
IV 2500	18.2	54.4	59.6	63.2	65.6	66.3	67.2	67.6	67.6	68.1	68.3	68.3	68.4	68.5	68.5	68.6
IV 2000	19.1	57.5	63.1	66.9	69.5	70.2	71.4	71.8	71.8	72.3	72.6	72.6	72.6	72.7	72.7	72.8
IV 1800	19.5	58.0	64.5	68.4	71.2	72.0	73.3	73.7	73.7	74.3	74.5	74.5	74.6	74.7	74.7	74.8
IV 1500	20.1	61.3	67.6	71.8	74.6	75.5	76.8	77.3	77.3	78.0	78.2	78.2	78.3	78.3	78.3	78.4
IV 1200	20.4	63.9	71.1	75.8	78.9	80.0	81.5	82.1	82.2	82.9	83.3	83.3	83.3	83.4	83.4	83.5
IV 1000	20.4	65.1	72.9	77.8	81.2	82.5	84.2	84.8	84.9	85.8	86.2	86.2	86.3	86.4	86.4	86.5
IV 900	20.5	65.5	73.5	78.6	82.1	83.5	85.2	85.8	86.0	86.9	87.2	87.2	87.4	87.5	87.5	87.6
IV 800	20.5	66.1	74.4	79.8	83.3	84.9	86.8	87.6	87.8	88.9	89.2	89.3	89.5	89.6	89.6	89.6
IV 700	20.5	66.4	74.9	80.6	84.5	86.2	88.3	89.3	89.6	90.8	91.2	91.2	91.5	91.5	91.5	91.6
IV 600	20.5	66.5	75.0	80.9	84.9	86.8	89.0	90.1	90.3	91.7	92.1	92.2	92.7	92.8	92.8	92.8
IV 500	20.6	66.7	75.4	81.5	85.8	87.9	90.6	91.8	92.0	93.5	94.1	94.2	94.7	94.9	94.9	95.0
IV 400	20.6	66.7	75.6	81.9	86.5	88.8	91.7	93.4	93.6	95.5	96.2	96.2	96.9	97.2	97.2	97.3
IV 300	20.6	66.7	75.7	82.1	86.8	89.2	92.4	94.2	94.5	96.5	97.5	97.6	98.5	98.9	99.0	99.1
IV 200	20.6	66.7	75.7	82.1	86.8	89.2	92.4	94.3	94.7	96.8	97.8	97.9	98.9	99.4	99.4	99.6
IV 100	20.6	66.7	75.7	82.1	86.8	89.2	92.4	94.3	94.7	96.8	97.8	97.9	98.9	99.4	99.5	99.9
IV 0	20.6	66.7	75.7	82.1	86.8	89.2	92.4	94.3	94.7	96.8	97.8	97.9	98.9	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2318

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44,50-72  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.9	37.6	37.9	38.1	38.1	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
IV 20000	22.1	43.0	43.6	44.0	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
IV 18000	22.1	43.7	43.6	44.0	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
IV 16000	22.1	43.7	43.6	44.1	44.2	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 14000	22.3	43.8	44.4	44.9	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
IV 12000	23.4	45.9	46.6	47.2	47.4	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 10000	24.5	48.8	49.6	50.2	50.5	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IV 9000	24.9	50.6	51.4	52.1	52.4	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 8000	25.4	53.1	54.1	54.8	55.2	55.5	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 7000	25.7	54.7	55.8	56.5	57.0	57.4	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV 6000	25.8	55.5	56.7	57.4	58.0	58.3	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 5000	26.3	56.2	57.7	58.5	59.0	59.4	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1
IV 4500	26.2	56.8	58.3	59.2	59.7	60.1	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 4000	26.7	58.4	60.0	61.0	61.6	62.1	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 3500	27.2	60.0	61.8	62.8	63.5	63.9	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 3000	28.3	62.5	64.3	65.4	66.1	66.6	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 2500	29.1	64.5	66.7	68.0	69.0	69.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 2000	30.4	68.9	71.5	72.9	74.0	74.5	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 1800	31.0	70.7	73.5	75.0	76.1	76.6	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 1500	31.2	72.5	76.0	77.9	79.2	79.8	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
IV 1200	31.6	75.3	79.5	82.1	83.8	84.4	85.7	85.9	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2
IV 1000	31.7	76.2	80.8	83.4	85.5	86.2	87.5	87.7	87.8	88.0	88.1	88.1	88.4	88.4	88.4	88.4
IV 900	31.7	76.7	81.5	84.2	86.4	87.2	88.6	88.9	89.0	89.2	89.4	89.4	89.6	89.6	89.6	89.6
IV 800	31.7	77.3	82.3	85.4	87.6	88.6	90.0	90.4	90.4	90.7	90.8	90.8	91.0	91.0	91.1	91.1
IV 700	31.7	77.6	82.7	86.0	88.4	89.7	91.3	91.7	91.8	92.1	92.3	92.3	92.6	92.6	92.6	92.6
IV 600	31.7	77.9	83.0	86.4	89.1	90.7	92.6	93.3	93.3	93.8	94.0	94.1	94.4	94.4	94.4	94.4
IV 500	31.8	78.1	83.4	87.1	89.9	91.8	94.1	95.2	95.3	95.9	96.2	96.3	96.7	96.7	96.7	96.7
IV 400	31.8	78.2	83.7	87.5	90.5	92.7	95.3	96.7	96.8	97.6	98.0	98.1	98.6	98.6	98.6	98.6
IV 300	31.8	78.2	83.7	87.7	90.8	92.9	95.7	97.2	97.4	98.3	98.8	99.0	99.5	99.5	99.5	99.5
IV 200	31.8	78.2	83.7	87.7	90.8	92.9	95.7	97.3	97.4	98.4	99.1	99.2	99.8	99.8	99.8	99.8
IV 100	31.8	78.2	83.7	87.7	90.8	92.9	95.7	97.3	97.4	98.4	99.1	99.2	99.8	99.9	100.0	100.0
IV 0	31.8	78.2	83.7	87.7	90.8	92.9	95.7	97.3	97.4	98.4	99.1	99.2	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2312

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44,50-72  
YEARS

DEC  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	19.3	37.9	38.4	38.9	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 20000	21.6	43.9	44.7	45.2	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
WV 18000	21.9	44.3	45.1	45.6	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
WV 16000	22.1	44.4	45.2	45.7	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
WV 14000	22.5	45.4	46.2	46.8	46.9	46.9	47.3	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
WV 12000	23.4	47.5	48.6	49.5	49.6	49.6	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
WV 10000	24.4	50.7	51.9	52.7	53.2	53.3	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
WV 9000	24.7	51.7	52.9	53.8	54.3	54.4	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9
WV 8000	25.7	54.5	55.7	56.7	57.2	57.3	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.1	58.1
WV 7000	25.9	56.6	58.2	59.2	59.8	59.9	60.4	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.7	60.7
WV 6000	25.9	57.4	58.9	60.0	60.5	60.7	61.1	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.5	61.5
WV 5000	26.3	59.0	60.6	61.7	62.3	62.5	63.2	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3
WV 4500	26.7	59.9	61.6	62.8	63.5	63.6	64.2	64.3	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5
WV 4000	27.1	61.7	63.5	64.7	65.5	65.6	66.2	66.4	66.4	66.5	66.6	66.6	66.6	66.6	66.7	66.7
WV 3500	27.9	63.3	65.2	66.6	67.4	67.6	68.3	68.4	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7
WV 3000	28.6	65.8	67.8	69.3	70.1	70.4	71.1	71.3	71.3	71.6	71.7	71.7	71.8	71.8	71.9	71.9
WV 2500	29.3	67.7	70.0	71.7	72.5	72.9	73.8	74.0	74.1	74.4	74.5	74.5	74.6	74.6	74.7	74.7
WV 2000	29.9	71.4	74.3	76.0	77.1	77.5	78.6	78.8	78.9	79.2	79.4	79.4	79.4	79.4	79.5	79.5
WV 1800	30.1	72.3	75.4	77.2	78.3	78.7	79.8	80.0	80.1	80.4	80.6	80.6	80.7	80.7	80.7	80.7
WV 1500	30.3	74.3	78.1	80.0	81.2	81.8	83.0	83.3	83.4	83.7	83.8	83.8	84.1	84.1	84.1	84.1
WV 1200	30.5	75.7	80.1	82.4	83.8	84.3	85.6	85.9	86.0	86.3	86.4	86.4	86.7	86.7	86.7	86.7
WV 1000	30.5	76.4	81.3	84.1	85.5	86.1	87.6	87.9	88.1	88.6	88.8	88.8	89.1	89.1	89.1	89.1
WV 900	30.5	76.9	81.9	84.7	86.5	87.2	88.8	89.0	89.2	89.7	90.0	90.0	90.4	90.4	90.4	90.4
WV 800	30.6	77.5	82.5	85.7	87.7	88.5	90.1	90.4	90.6	91.1	91.5	91.5	91.9	91.9	91.9	91.9
WV 700	30.6	77.7	82.9	86.1	88.3	89.3	91.1	91.9	92.2	92.8	93.2	93.2	93.7	93.7	93.8	93.8
WV 600	30.6	77.9	83.1	86.5	88.8	89.9	91.9	93.1	93.5	94.3	94.7	94.7	95.3	95.4	95.5	95.5
WV 500	30.8	77.9	83.2	86.9	89.4	90.5	92.9	94.3	94.6	95.6	96.1	96.1	96.8	96.9	97.0	97.0
WV 400	30.8	78.1	83.5	87.2	89.9	91.1	93.8	95.3	95.6	96.7	97.2	97.2	97.9	98.0	98.2	98.2
WV 300	30.6	78.1	83.5	87.3	90.0	91.3	94.1	95.9	96.3	97.5	98.2	98.3	99.2	99.3	99.4	99.4
WV 200	30.6	78.1	83.5	87.3	90.0	91.3	94.1	95.9	96.3	97.6	98.4	98.5	99.6	99.7	99.9	100.0
WV 100	30.6	78.1	83.5	87.3	90.0	91.3	94.1	95.9	96.3	97.6	98.4	98.5	99.6	99.7	99.9	100.0
WV 0	30.6	78.1	83.5	87.3	90.0	91.3	94.1	95.9	96.3	97.6	98.4	98.5	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2321

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44,50-72  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	> 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.8	42.2	43.5	44.4	44.7	44.7	44.8	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1
IV 20000	12.4	46.1	47.5	48.6	48.9	48.9	49.1	49.2	49.2	49.3	49.3	49.4	49.4	49.5	49.5	49.5
IV 18000	12.4	46.2	47.6	48.7	49.1	49.1	49.2	49.3	49.3	49.5	49.5	49.5	49.5	49.6	49.6	49.6
IV 16000	12.4	46.2	47.7	48.8	49.1	49.1	49.2	49.3	49.3	49.5	49.5	49.5	49.6	49.6	49.7	49.7
IV 14000	12.9	46.9	48.4	49.5	49.8	49.8	50.0	50.1	50.1	50.3	50.3	50.3	50.4	50.4	50.5	50.5
IV 12000	13.2	48.5	50.1	51.3	51.7	51.7	52.0	52.1	52.1	52.2	52.2	52.3	52.3	52.4	52.4	52.4
IV 10000	13.4	50.3	52.2	53.5	54.2	54.2	54.5	54.6	54.6	54.8	54.8	54.9	54.9	55.0	55.0	55.0
IV 9000	13.6	51.1	53.0	54.3	55.1	55.1	55.5	55.5	55.5	55.8	55.8	55.8	55.9	55.9	56.0	56.0
IV 8000	13.9	53.6	55.0	57.1	58.0	58.0	58.3	58.4	58.4	58.7	58.7	58.7	58.8	58.8	58.8	58.8
IV 7000	14.0	56.1	58.4	59.9	60.8	61.0	61.3	61.4	61.4	61.7	61.7	61.8	61.8	61.8	61.9	61.9
IV 6000	14.0	57.3	59.7	61.2	62.1	62.3	62.6	62.7	62.7	63.1	63.1	63.1	63.1	63.2	63.2	63.2
IV 5000	14.1	59.3	62.0	63.5	64.5	64.7	65.1	65.2	65.2	65.5	65.5	65.6	65.6	65.7	65.7	65.7
IV 4500	14.1	60.0	62.7	64.2	65.2	65.4	65.8	65.9	65.9	66.2	66.2	66.3	66.3	66.4	66.4	66.4
IV 4000	14.2	61.8	64.0	66.4	67.5	67.8	68.2	68.3	68.3	68.7	68.7	68.7	68.8	68.8	68.8	68.8
IV 3500	14.4	63.3	66.4	68.0	69.1	69.4	69.9	70.1	70.1	70.4	70.4	70.5	70.5	70.6	70.6	70.6
IV 3000	14.7	65.7	68.9	70.7	71.9	72.3	72.8	73.0	73.0	73.4	73.4	73.4	73.5	73.5	73.6	73.6
IV 2500	15.0	67.4	71.1	73.1	74.3	74.7	75.2	75.5	75.5	75.9	75.9	76.0	76.0	76.1	76.2	76.2
IV 2000	15.3	71.1	75.4	77.5	78.9	79.3	80.1	80.4	80.5	80.9	80.9	81.0	81.0	81.1	81.2	81.2
IV 1800	15.3	71.9	76.3	78.5	80.0	80.4	81.2	81.5	81.6	82.0	82.0	82.1	82.1	82.1	82.3	82.3
IV 1500	15.3	73.2	78.2	80.5	82.1	82.5	83.5	83.9	83.9	84.4	84.4	84.4	84.6	84.7	84.8	84.8
IV 1200	15.5	74.7	80.2	82.7	84.5	85.0	85.9	86.3	86.4	86.8	86.8	86.8	86.9	87.0	87.1	87.2
IV 1000	15.5	75.2	81.0	83.0	85.0	86.3	87.3	87.7	87.8	88.2	88.2	88.3	88.3	88.5	88.7	88.7
IV 900	15.5	75.6	81.6	84.7	86.8	87.4	88.5	89.0	89.0	89.6	89.7	89.8	90.0	90.0	90.1	90.1
IV 800	15.5	75.8	82.1	85.4	87.5	88.2	89.5	90.1	90.2	90.8	91.0	91.0	91.3	91.3	91.4	91.4
IV 700	15.5	75.9	82.5	86.0	88.4	89.2	90.7	91.4	91.5	92.2	92.4	92.4	92.9	93.0	93.1	93.1
IV 600	15.5	76.1	82.8	86.5	89.0	90.0	91.7	92.6	92.7	93.5	93.8	93.9	94.4	94.5	94.7	94.7
IV 500	15.5	76.1	83.0	86.9	89.9	90.9	93.0	94.0	94.4	95.2	95.5	95.6	96.2	96.3	96.6	96.6
IV 400	15.5	76.1	83.2	87.4	90.5	91.5	93.7	94.9	95.2	96.0	96.4	96.4	97.1	97.2	97.5	97.5
IV 300	15.5	76.2	83.3	87.5	90.7	91.8	94.0	95.4	95.9	97.0	97.5	97.5	98.3	98.3	98.7	98.7
IV 200	15.5	76.2	83.3	87.5	90.7	91.8	94.2	95.8	96.3	97.5	98.1	98.2	99.0	99.1	99.6	99.6
IV 100	15.5	76.2	83.3	87.5	90.7	91.8	94.2	95.8	96.3	97.6	98.2	98.3	99.1	99.3	99.8	100.0
IV 0	15.5	76.2	83.3	87.5	90.7	91.8	94.2	95.8	96.3	97.6	98.2	98.3	99.1	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2301

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/14C

# CEILING VERSUS VISIBILITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44,50-72  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.1	41.2	43.2	44.4	45.1	45.4	45.7	45.7	45.8	45.9	46.0	46.0	46.1	46.1	46.1	46.3
≥ 20000	9.6	44.4	46.7	48.1	48.8	49.0	49.4	49.4	49.4	49.6	49.7	49.7	49.8	49.8	49.8	50.0
IV 18000	9.6	44.6	46.8	48.2	49.0	49.2	49.6	49.6	49.6	49.8	49.9	49.9	50.0	50.0	50.0	50.1
IV 16000	9.6	44.6	46.9	48.3	49.0	49.3	49.7	49.7	49.7	49.9	50.0	50.0	50.0	50.0	50.1	50.2
IV 14000	10.0	45.4	47.7	49.1	49.9	50.1	50.5	50.5	50.5	50.7	50.8	50.8	50.9	50.9	50.9	51.0
IV 12000	10.5	46.9	49.2	50.7	51.6	51.8	52.2	52.2	52.3	52.4	52.5	52.5	52.6	52.6	52.6	52.8
IV 10000	10.6	48.1	50.5	52.0	53.0	53.2	52.6	53.6	53.7	53.9	54.0	54.0	54.1	54.1	54.2	54.3
IV 9000	10.7	48.8	51.2	52.8	53.8	54.0	54.5	54.5	54.7	54.8	54.9	54.9	55.0	55.0	55.1	55.2
IV 8000	10.9	51.2	53.8	55.5	56.5	56.8	57.3	57.3	57.3	57.6	57.7	57.7	57.8	57.8	57.8	58.0
IV 7000	10.9	52.7	55.6	57.5	58.5	58.8	59.3	59.3	59.4	59.7	59.8	59.8	59.9	59.9	59.9	60.1
IV 6000	10.9	53.7	56.8	58.7	59.7	60.0	60.6	60.6	60.6	61.0	61.1	61.1	61.3	61.3	61.3	61.4
IV 5000	11.0	56.2	59.6	61.8	62.9	63.2	63.8	63.8	63.8	64.2	64.2	64.3	64.5	64.5	64.5	64.8
IV 4500	11.2	57.5	61.0	63.3	64.4	64.8	65.3	65.3	65.4	65.7	65.9	65.9	66.0	66.0	66.1	66.2
IV 4000	11.3	58.8	62.6	65.1	66.2	66.6	67.2	67.2	67.2	67.6	67.8	67.8	67.9	67.9	68.0	68.1
IV 3500	11.4	60.9	64.8	67.3	68.5	68.8	69.4	69.4	69.4	69.8	70.0	70.0	70.1	70.1	70.2	70.3
IV 3000	11.6	62.9	67.2	69.8	71.1	71.7	72.3	72.3	72.3	72.7	72.9	72.9	73.1	73.1	73.1	73.2
IV 2500	11.9	64.9	69.5	72.2	73.6	74.1	74.8	74.9	74.9	75.5	75.6	75.6	75.8	75.8	75.8	76.0
IV 2000	12.3	68.2	73.0	75.7	77.2	77.8	78.6	78.7	78.7	79.3	79.5	79.5	79.6	79.6	79.6	79.8
IV 1800	12.5	69.5	74.3	77.4	78.9	79.5	80.5	80.5	80.5	81.2	81.3	81.3	81.5	81.5	81.5	81.6
IV 1500	12.5	70.8	75.9	79.2	80.9	81.5	82.6	82.7	82.8	83.4	83.6	83.6	83.7	83.7	83.8	83.9
IV 1200	12.6	72.3	77.7	81.5	83.4	84.2	85.4	85.6	85.6	86.3	86.5	86.5	86.7	86.7	86.7	86.9
IV 1000	12.6	73.3	79.1	83.2	85.2	86.1	87.3	87.7	87.7	88.4	88.6	88.6	88.8	88.8	88.9	89.0
IV 900	12.6	73.4	79.6	83.9	86.2	87.0	88.3	88.6	88.7	89.4	89.7	89.7	89.9	89.9	89.9	90.1
IV 800	12.6	73.7	80.2	84.6	87.1	88.2	89.6	89.9	90.0	90.7	91.0	91.0	91.3	91.3	91.3	91.5
IV 700	12.6	73.9	80.6	85.2	88.1	89.2	90.6	91.0	91.1	91.9	92.2	92.2	92.5	92.5	92.5	92.7
IV 600	12.6	74.3	81.1	86.0	89.0	90.2	91.8	92.3	92.3	93.2	93.5	93.5	93.8	93.8	93.9	94.1
IV 500	12.6	74.4	81.5	86.4	89.7	91.0	92.9	93.4	93.5	94.5	94.8	94.8	95.1	95.1	95.2	95.4
IV 400	12.6	74.7	81.9	87.0	90.5	91.8	94.0	94.7	94.8	96.1	96.5	96.5	96.9	96.9	97.1	97.2
IV 300	12.6	74.7	82.0	87.1	90.7	92.0	94.5	95.5	95.6	97.1	97.7	97.7	98.3	98.3	98.6	98.8
IV 200	12.6	74.7	82.0	87.1	90.7	92.1	94.6	95.5	96.0	97.7	98.3	98.3	98.9	98.9	99.3	99.7
IV 100	12.6	74.7	82.0	87.1	90.7	92.1	94.6	95.8	96.0	97.7	98.3	98.3	98.9	98.9	99.3	99.8
IV 0	12.6	74.7	82.0	87.1	90.7	92.1	94.6	95.8	96.0	97.7	98.3	98.3	98.9	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

2308

USAF ETAC

FORM  
JUL 54

0-14-5 (OLA)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

## PART D

## SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10



DATA PROCESSING OFFICE  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

13806 FORT CAMPBELL KY/CAMPBELL AAF

50-70

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	21.2	3.4	3.4	3.0	2.3	1.6	2.5	3.0	4.0	2.7	52.9	6.6	14474
FEB		22.3	3.6	3.7	3.1	2.6	1.9	2.5	3.2	4.5	2.8	50.0	6.4	13096
MAR		21.6	3.4	3.9	3.7	3.1	2.0	2.9	3.5	5.2	2.9	48.0	6.3	14383
APR		21.4	3.7	4.1	3.9	3.4	2.7	3.3	5.1	6.6	4.2	41.6	6.1	14559
MAY		21.2	4.7	5.3	5.0	4.1	3.5	4.2	5.4	7.6	4.4	34.8	5.7	14876
JUN		20.7	5.2	5.9	5.7	5.2	4.3	4.9	6.2	9.5	4.6	28.0	5.5	15015
JUL		17.4	5.1	6.5	6.5	6.2	5.4	4.8	7.4	9.9	5.3	25.7	5.5	15620
AUG		24.8	5.7	6.9	6.8	5.6	4.8	4.4	6.2	7.7	4.5	22.6	4.9	15618
SEP		32.8	5.2	5.3	5.3	4.1	3.4	4.0	5.0	6.4	4.2	24.4	4.6	15117
OCT		39.4	5.1	4.7	4.5	3.4	2.8	3.4	2.6	4.9	3.2	25.1	4.2	15622
NOV		26.8	4.2	4.1	3.8	2.9	2.1	3.0	3.8	5.3	3.8	40.4	5.7	15114
DEC		22.0	3.3	3.7	3.3	2.3	2.0	2.6	3.3	4.5	3.3	49.7	6.4	15621
TOTALS		24.3	4.4	4.8	4.6	3.8	3.0	3.5	4.6	6.3	3.8	36.9	5.7	179115

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## SKY COVER

51-77

444

STATION

STATION NAME

PERIOD

1101M

MONTH	HOURS (L.S.T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	30.8	2.2	2.6	2.3	2.5	1.5	2.3	2.2	3.2	1.3	49.0	5.9	1810
	03-05	29.3	1.8	3.0	2.7	1.6	1.6	2.3	2.7	2.2	1.1	51.4	6.1	1810
	06-08	19.4	3.6	3.6	2.7	2.2	1.5	2.6	2.3	4.0	3.1	54.8	6.6	1610
	09-11	14.5	3.9	2.9	2.8	2.7	1.8	2.6	3.1	5.0	3.9	56.9	7.2	1808
	12-14	14.4	4.0	4.0	3.3	1.9	1.9	2.3	3.8	5.4	4.2	54.7	7.1	1810
	15-17	14.1	4.6	3.4	3.8	2.1	1.4	2.7	3.9	4.5	4.8	54.9	7.1	1809
	18-20	20.4	3.8	4.4	3.0	3.0	1.7	2.9	3.4	4.3	1.6	51.5	6.5	1809
	21-23	26.9	2.7	3.2	3.5	2.3	1.7	2.6	2.7	3.1	1.3	50.0	6.1	1808
TOTALS		21.2	3.4	3.4	3.0	2.3	1.6	2.5	3.0	4.0	2.7	52.9	6.6	14474

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

13806 FORT CAMPBELL KY/CAMPBELL AAF

1-70

FEB

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	31.5	2.2	4.1	1.8	2.6	1.3	2.3	2.8	2.9	.9	47.6	5.7	1638
	03-05	30.3	1.5	2.6	3.1	2.1	2.0	2.3	1.7	2.9	1.6	50.0	6.0	1636
	06-08	18.6	4.2	3.8	4.1	2.0	1.6	2.2	3.5	3.6	2.6	53.8	6.7	1637
	09-11	15.7	3.7	4.5	3.1	2.1	2.0	2.4	3.4	5.2	4.3	53.6	7.0	1637
	12-14	14.7	3.8	3.1	3.4	2.9	2.0	2.9	4.5	6.4	4.3	52.2	7.0	1637
	15-17	15.3	5.1	4.0	3.2	3.2	1.8	2.6	3.4	6.2	4.2	51.1	6.8	1637
	18-20	21.1	5.4	4.6	3.2	2.7	2.3	2.9	3.3	5.4	2.6	46.6	6.2	1637
	21-23	31.3	2.7	2.9	2.8	3.1	1.8	2.0	2.6	3.4	2.1	45.2	5.7	1637
TOTALS		22.3	3.6	3.7	3.1	2.6	1.9	2.5	3.2	4.5	2.8	50.0	6.4	13096

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## SKY COVER

"AR

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	32.1	2.7	2.7	2.4	2.3	1.7	2.6	2.4	4.8	1.9	44.4	5.7	1798
	03-05	29.1	3.1	3.1	2.8	3.6	1.4	2.2	2.3	3.4	1.9	47.2	5.8	1798
	06-08	17.7	4.5	3.9	4.0	2.8	1.1	2.2	2.8	4.8	3.4	52.7	6.7	1798
	09-11	15.5	3.4	3.2	2.6	3.2	2.1	4.3	4.2	5.6	4.1	51.9	7.0	1798
	12-14	12.6	4.3	3.8	4.4	3.1	2.1	3.1	4.2	7.4	4.1	50.9	7.0	1798
	15-17	13.0	3.6	4.2	4.8	3.3	2.4	3.2	4.7	7.0	3.7	49.4	6.9	1798
	18-20	20.5	3.9	5.1	4.7	3.8	2.6	2.9	3.8	5.5	2.5	44.7	6.1	1797
	21-23	32.1	1.6	4.2	3.6	2.4	2.2	2.3	3.3	3.4	1.9	42.9	5.5	1798
TOTALS		21.6	3.4	3.9	3.7	3.1	2.0	2.9	3.5	5.2	2.9	48.0	6.3	14383

## SKY COVER

APR

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	35.4	2.2	3.8	4.7	3.4	1.7	2.3	3.7	4.1	1.7	30.8	5.0	1820
	03-05	29.3	3.0	4.6	3.5	3.2	2.7	2.5	4.4	4.8	2.4	39.8	5.5	1821
	06-08	19.1	4.4	4.0	3.5	3.1	2.1	3.0	3.8	6.9	5.3	44.8	6.4	1819
	09-11	14.4	4.0	4.0	4.0	3.5	2.6	3.3	6.2	7.2	6.1	44.7	6.7	1818
	12-14	11.6	3.7	3.6	3.1	4.1	3.4	4.2	6.6	9.3	6.3	44.0	7.0	1820
	15-17	12.0	4.1	3.9	4.0	3.2	3.2	4.2	6.3	8.7	6.3	44.0	6.9	1821
	18-20	17.3	4.8	5.0	4.8	3.5	3.1	4.5	5.3	7.1	3.8	40.2	6.2	1820
	21-23	31.6	3.1	4.0	3.8	3.2	2.4	2.7	4.7	4.7	1.4	38.5	5.3	1821
TOTALS		21.4	3.7	4.1	3.9	3.4	2.7	3.3	5.1	6.6	4.2	41.6	6.1	14559

DATA PROCESSING - R. C.  
ETAC/USAF  
AIR WEATHER SERVICE/PAC

# SKY COVER

13866 FJRT CAMPBELL KY/CAMPBELL AAF

51-70

MAY

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	38.8	3.9	5.9	5.5	4.2	2.0	3.4	3.9	4.4	1.4	26.7	4.2	1860
	03-05	27.6	4.9	6.1	5.3	4.1	3.1	4.1	3.5	6.1	2.6	32.6	5.1	1860
	06-08	20.3	4.9	4.9	3.3	3.2	2.9	3.2	4.7	6.2	4.6	41.7	6.1	1859
	09-11	15.2	4.4	4.6	4.3	3.7	3.6	3.9	5.7	8.2	7.2	39.3	5.5	1858
	12-14	9.1	4.0	3.6	4.9	3.8	5.2	5.5	7.2	11.6	7.4	37.7	6.9	1860
	15-17	9.2	4.4	5.5	4.4	5.2	5.3	6.1	7.3	10.5	4.8	37.3	6.6	1860
	18-20	16.1	6.6	5.3	6.9	4.7	2.8	4.4	5.4	8.7	4.4	34.7	5.9	1860
	21-23	33.1	4.3	6.8	5.3	4.0	2.7	3.0	5.2	4.9	2.4	28.3	4.6	1859
TOTALS		21.2	4.7	5.3	5.0	4.1	3.5	4.2	5.4	7.6	4.4	34.8	5.7	14876

DATA PROCESSING  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# SKY COVER

13806 FORT CAMPBELL KY/CAMPBELL AAF

50-70

JUN

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	42.6	4.9	5.6	4.8	3.9	2.6	3.2	3.8	5.9	2.0	21.5	3.8	1878
	03-05	26.6	5.4	7.1	5.9	6.0	3.7	4.7	4.6	6.8	4.6	25.2	4.9	1875
	06-08	20.3	5.5	6.2	5.7	3.9	3.5	4.3	4.9	8.7	4.7	32.4	5.6	1878
	09-11	13.3	6.2	5.2	4.8	4.5	4.4	4.7	7.1	12.4	4.2	33.0	6.2	1877
	12-14	6.0	3.2	5.0	6.0	6.9	6.8	6.3	10.0	13.6	7.1	29.2	6.6	1878
	15-17	8.8	4.8	5.3	6.2	6.3	5.2	6.7	7.7	11.3	6.3	31.3	6.4	1878
	18-20	15.6	6.4	6.3	6.7	4.9	3.5	4.4	7.3	9.4	5.0	30.4	5.8	1876
	21-23	33.4	5.0	6.2	5.6	4.8	4.5	4.5	4.5	7.6	2.6	21.3	4.3	1875
TOTALS		20.7	5.2	5.9	5.7	5.2	4.3	4.9	6.2	9.5	4.6	29.0	5.5	15015

USAFETAC

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

13806 FORT CAMPBELL KY/CAMPBELL AAF

50-70

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	38.0	4.4	8.2	5.5	5.5	3.1	3.7	4.9	6.2	1.5	19.0	3.8	1952
	03-05	24.4	7.1	7.7	7.0	7.0	4.7	4.2	5.3	8.0	3.0	21.6	4.6	1953
	06-08	16.7	5.7	6.5	6.0	5.2	3.8	3.5	6.5	8.9	5.6	31.5	5.8	1953
	09-11	11.2	5.3	5.3	5.0	5.2	6.2	5.4	8.2	11.6	7.4	29.3	6.2	1953
	12-14	4.0	2.5	3.4	6.0	7.3	9.8	6.0	11.2	15.4	9.1	25.4	6.8	1952
	15-17	6.2	4.1	5.5	8.2	7.4	7.1	5.3	8.8	12.4	7.5	27.4	6.4	1953
	18-20	11.3	7.1	7.1	7.0	5.2	4.1	5.4	7.2	11.2	5.4	28.9	5.9	1952
	21-23	27.1	4.4	8.2	7.1	6.7	4.3	4.8	7.1	5.8	2.5	22.1	4.6	1952
TOTALS		17.4	5.1	6.5	6.5	6.2	5.4	4.8	7.4	9.9	5.3	25.7	5.5	15620

USAFETAC

FORM  
JUL 44 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/WAC

## SKY COVER

13806 FORT CAMPBELL KY/CAMPBELL AAF

50-70

AUG

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	47.5	5.1	6.4	4.5	3.8	2.4	3.0	3.7	4.3	1.3	17.7	3.3	1951
	03-05	36.4	5.5	7.6	6.1	4.5	3.6	3.6	5.1	5.5	2.3	19.8	4.0	1953
	06-08	23.6	6.8	6.5	6.1	4.7	3.7	3.7	6.2	7.4	5.4	25.8	5.1	1953
	09-11	17.8	6.7	6.2	7.7	5.6	4.6	4.5	5.7	9.8	5.9	25.5	5.4	1952
	12-14	5.7	3.7	5.3	7.1	8.6	8.8	7.8	10.5	10.8	6.5	25.3	6.3	1952
	15-17	8.7	6.9	6.7	8.7	7.1	7.0	5.7	7.9	10.1	7.0	24.2	5.9	1952
	18-20	19.8	6.3	8.5	8.0	6.0	4.1	3.8	6.1	8.9	5.2	23.1	5.1	1953
	21-23	38.7	4.7	8.1	5.8	4.7	3.9	3.4	4.4	4.6	2.7	19.0	3.8	1952
TOTALS		24.8	5.7	6.9	6.8	5.6	4.8	4.4	6.2	7.7	4.5	22.6	4.9	15618

USAFETAC

FORM  
JUL 64 0-9-1 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## SKY COVER

50-70

SEP

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	51.6	3.4	4.9	3.9	2.9	2.3	3.0	3.5	3.7	1.7	19.3	3.3	1890
	03-05	43.3	4.5	4.7	5.7	3.7	2.7	3.8	3.5	4.4	1.7	22.0	3.8	1890
	06-08	28.0	6.2	5.2	4.1	3.7	2.6	2.7	4.9	7.4	5.3	29.7	5.1	1890
	09-11	25.6	5.5	5.0	5.3	3.7	3.8	3.8	5.3	6.2	7.0	28.7	5.3	1889
	12-14	18.0	4.7	4.8	5.7	6.0	4.8	4.5	7.2	9.8	6.6	27.8	5.7	1890
	15-17	20.5	6.1	6.9	6.1	5.1	4.7	4.5	6.1	8.7	5.5	25.8	5.3	1889
	18-20	31.4	6.3	5.7	6.6	3.8	3.2	4.8	5.6	6.5	3.9	22.3	4.5	1889
	21-23	44.0	4.9	5.2	4.8	3.9	3.2	4.5	3.6	4.1	2.0	19.8	3.6	1890
TOTALS		32.8	5.2	5.3	5.3	4.1	3.4	4.0	5.0	6.4	4.2	24.4	4.6	15117

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SKY COVER

13806 FORT CAMPBELL KY/CAMPBELL AAF

50-70

NOV

STATION

STATION NAME

PERIOD

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	54.8	2.6	3.3	2.7	2.4	2.5	2.7	2.6	2.6	1.4	22.6	3.3	1953
	03-05	49.3	3.3	3.9	4.2	2.7	2.6	3.0	2.4	3.7	1.3	23.6	3.6	1953
	06-08	32.5	5.7	5.2	5.5	3.7	2.8	3.1	3.5	5.6	4.0	28.4	4.7	1953
	09-11	31.8	6.5	4.4	5.1	3.8	2.9	3.0	4.1	6.3	4.3	27.9	4.7	1952
	12-14	28.4	5.7	4.5	4.3	4.1	4.3	4.8	4.9	6.7	5.9	26.6	5.0	1952
	15-17	28.4	6.6	5.8	5.6	4.5	3.3	4.0	4.7	6.8	4.3	26.1	4.8	1953
	18-20	39.0	6.7	5.5	5.1	2.9	2.7	3.5	4.3	4.1	2.3	23.9	4.0	1953
	21-23	50.9	3.4	5.1	3.7	3.1	1.6	3.0	2.2	3.4	1.6	21.8	3.4	1953
TOTALS		39.4	5.1	4.7	4.5	3.4	2.8	3.4	3.6	4.9	3.2	25.1	4.2	15622

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## SKY COVER

NGV

STATION

STATION NAME

PERIOD:

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	37.1	2.3	3.2	2.7	2.3	1.4	2.6	3.0	4.8	2.0	38.7	5.1	1889
	03-05	35.7	2.4	3.5	2.8	2.8	1.3	2.2	3.2	3.6	2.2	39.8	5.2	1888
	06-08	19.3	5.6	5.6	4.8	3.3	2.1	2.7	3.7	5.5	4.1	43.0	6.1	1887
	09-11	20.1	5.9	4.6	4.0	2.9	2.2	2.3	4.3	5.6	5.0	43.2	6.2	1890
	12-14	18.3	4.6	3.9	4.3	3.2	3.1	3.8	3.9	6.7	6.2	41.9	6.3	1890
	15-17	19.3	5.3	4.0	4.3	3.1	2.7	3.2	4.1	6.7	6.0	41.4	6.2	1890
	18-20	28.4	4.5	4.5	3.7	3.4	2.1	3.7	4.0	4.8	2.4	38.5	5.4	1890
	21-23	35.7	2.8	3.3	3.8	1.9	1.5	3.4	3.9	4.7	2.1	37.0	5.1	1890
TOTALS		26.8	4.2	4.1	3.8	2.9	2.1	3.0	3.8	5.3	3.8	40.4	5.7	15114

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/4AC

## SKY COVER

13806 FORT CAMPBELL KY/CAMPBELL AAF

50-70

DEC

STATION

STATION NAME

PERIOD

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	29.4	2.6	2.4	3.1	2.5	2.0	3.0	2.7	3.3	1.5	47.5	5.9	1952
	03-05	30.2	1.6	3.1	2.2	1.8	1.6	2.3	2.8	2.7	1.8	50.0	6.0	1953
	06-08	18.1	3.9	4.1	3.7	2.5	1.8	1.7	3.5	4.7	3.8	52.0	6.7	1952
	09-11	14.6	3.9	4.4	2.8	2.3	2.5	2.8	4.0	5.9	4.7	52.1	7.0	1953
	12-14	14.5	4.9	3.9	3.0	2.3	2.4	2.5	4.3	6.3	6.6	49.4	6.9	1952
	15-17	15.1	4.8	4.3	4.0	2.1	1.6	3.2	3.6	6.3	4.8	50.2	6.8	1953
	18-20	24.2	2.8	3.6	4.5	2.8	2.2	3.2	2.4	4.0	2.2	48.2	6.1	1953
	21-23	29.6	1.9	4.1	3.0	2.2	1.7	2.3	2.8	2.9	1.0	46.4	5.9	1953
TOTALS		22.0	3.3	3.7	3.3	2.3	2.0	2.6	3.3	4.5	3.3	49.7	6.4	15621

USAFETAC

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperatures
  - b. Daily minimum temperatures
  - c. Daily mean temperatures

**NOTE:** Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature

**NOTE:** The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the ~~percentage~~ <sup>raw count</sup> of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

13806

13806 FORT CAMPBELL KY/CAMPBELL AAF

STATION

STATION NAME

43-45, 50-72

**YEARS**

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MAXIMUM

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## DAILY TEMPERATURES

13806 FORT CAMPBELL KY/CAMPBELL AAF

43-45, 50-72

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV.	DEC	ANNUAL
80							.1						.0
75						3.5	5.8	3.2	.4				1.1
70				.1	1.5	22.3	43.4	32.0	9.4	.3			9.4
65			.1	3.7	15.3	55.5	75.4	67.2	29.4	3.6	.5		21.6
60		.3	2.4	14.3	41.3	77.9	91.5	87.2	52.3	12.2	2.1	.9	32.7
55	1.3	1.6	6.2	27.7	59.8	92.0	98.4	96.9	72.2	24.0	4.9	2.1	41.5
50	3.2	3.7	13.6	40.8	77.4	98.3	99.7	99.9	88.8	39.9	12.0	4.5	49.4
45	8.3	8.0	20.8	57.5	89.4	99.6	100.0	100.0	95.9	58.7	21.6	9.4	56.6
40	12.5	15.6	36.7	76.0	96.6	100.0			99.4	76.4	34.0	17.5	64.5
35	20.8	30.8	53.4	91.0	100.0				100.0	90.5	52.3	28.5	72.9
33	25.7	37.0	60.9	94.3						94.5	61.6	35.4	76.4
30	37.9	51.3	74.2	98.2						98.2	73.6	48.0	82.2
25	58.6	70.4	91.0	100.0						99.9	87.2	66.3	89.7
20	73.5	84.8	96.8							100.0	96.1	82.5	94.6
15	86.7	90.1	99.2								98.8	92.4	97.4
10	91.8	95.7	99.6								99.7	96.8	98.7
5	95.8	97.9	99.9									99.0	99.4
0	97.6	99.3	100.0									99.6	99.7
-5	98.8	99.7									100.0	99.7	99.9
-10	99.7	99.9										100.0	100.0
-15		100.0											100.0
-20	100.0												100.0
MEAN	26.3	29.4	36.6	47.4	56.0	64.4	67.7	66.2	59.3	47.1	36.1	29.3	47.2
S D	12.084	10.990	10.432	9.886	8.151	6.399	5.216	5.494	7.804	9.531	10.599	1.114	17.415
TOTAL OBS	744	679	744	725	744	746	792	806	786	787	750	775	9072

AIR WEATHER SERVICE/MAC

13806 FORT CAMPBELL KY/CAMPBELL AAF

43-45, 50-72

198  
STATION

STATION NAME

**YEARS**

## DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MEAN

[illegible]

DATA PROCESSING BRANCH  
USAF/ETAC/DL A  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF

43-45, 50-72

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43							* 100	102	97	85	81	61	
44	70	72	80	81	92	100	97	96	92	86	79	60	100
45	54	74	84	84	90	93	100	99	95*	78			
50				* 76		* 93	95	91	88	87	83	71	
51	72	73	71	87	92	97	94	99	96	92	69	78	99
52	75	70	82	85	93	106	106	99	95	87	77	72	106
53	69	64	73	84	92	101	100	99	101	94	76	66	101
54	62	76	78	86	91	100	103	103	104	90	75	62	104
55	68	72	75	87	89	90	95	97	97	85	79	70	97
56	63	68	76	87	89	95	96	101	94	85	79	72	101
57	69	73	73	86	95	93	97	99	97	83	71	65	99
58	59	69	61	84	89	91	92	94	91	83	82	64	94
59	71	71	80	85	91	92	93	94	92	88	79	63	94
60	72	67	79	87	88	94	94	96	99	85	77	64	99
61	62	73	75*	82	85	90	91	91	90	83	80	69	91
62	67	80	75	85	92	90	97	98	92	84	69	66	98
63	64	66	85	88	87	96	93	96	90	89	72	64	96
64	68	58	74	85	91	102	96	101	94	81	79	71	102
65	68	75	71	88	88	90	99	97	92	83	77	69	99
66	65	68	86	79	88	95	101	94	90	85	73	69	101
67	74	71	86	86	84	96	91	89	87	84	69	73	96
68	65	65	79	80	85	91	95	96	87	83	79	59	96
69	63	58	79	84	97	100	101	101	96	91	72	60	101
70	70	68	71	85	87	90	94	95	93	84	71	71	95
71	63	72	72	85	82	94	92	89	88	85	82	70	94
72	75	78	78	84	86	92	94	91	90	79	79	67	94
MEAN	67.0	70.0	76.8	84.4	89.2	94.8	96.4	96.4	93.3	85.3	76.4	67.0	98.1
S. D.	5.192	5.393	3.801	2.887	3.362	4.450	3.869	3.962	4.289	3.720	4.396	4.817	3.659
TOTAL OBS.	744	679	744	725	744	746	792	806	780	787	751	775	9072

NOTES \* (BASED ON < FULL MONTHS)

# (AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM 0-88-5 (OII)

DATA PROCESSING BRANCH  
USAF/ETAC/OL A.  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45, 50-72

STATION

STATION NAME

YEARS

## WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43						*	65	54	41	30	21	8	
44	15	12	20	25	35	50	56	57	50	31	21	9	9
45	5	9	28	32	39	46	54	50	52*	34			
50			*	25		*	51	58	53	40	41	-4	9
51	9	-12	26	31	39	57	58	57	41	35	13	6	-12
52	11	23	19	29	43	54	56	55	46	24	19	17	11
53	23	22	30	29	46	54	57	55	44	31	20	6	6
54	5	20	22	28	35	48	61	58	48	30	21	22	5
55	6	4	14	34	48	49	63	57	50	31	13	10	4
56	14	25	23	22	46	43	57	53	44	36	20	25	14
57	3	24	25	31	39	60	63	55	49	28	22	9	3
58	11	-5	25	29	38	51	62	54	47	35	17	5	-5
59	0	10	23	33	40	53	56	62	49	30	13	19	0
60	11	16	1	27	35	52	59	58	50	31	20	-3	-2
61	-7	9	27*	32	35	50	57	55	44	25	20	9	-7
62	-5	10	20	28	47	54	49	55	39	28	24	-10	-10
63	-20	1	28	33	35	58	53	53	38	33	24	1	-20
64	6	17	21	30	45	49	54	48	42	31	12	7	6
65	-1	2	17	40	49	52	53	50	36	27	19	16	-1
66	-7	9	18	26	33	44	62	58	46	30	20	10	-7
67	12	5	19	37	39	56	55	50	37	31	17	8	5
68	-1	7	15	33	36	49	49	50	44	25	19	11	-1
69	6	16	16	35	40	50	64	60	45	27	17	11	6
70	-7	2	17	30	36	51	51	56	41	32	11	14	-7
71	8	-3	21	32	37	60	50	51	49	39	20	18	-3
72	-2	13	20	27	44	43	52	57	40	31	21	12	-2
MEAN	4.0	9.8	20.6	30.7	40.0	51.4	56.7	54.7	44.3	31.0	17.6	10.0	-4.4
S. D.	9.257	9.617	6.042	3.625	4.732	4.689	4.688	3.429	4.541	4.050	5.732	7.497	8.027
TOTAL OBS.	744	679	744	725	744	746	792	806	780	787	750	775	9072

NOTES: \* (BASED ON < FULL MONTHS)

\* (AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM 0-88-5 (OJ) JUL 64

## PSYCHROMETRIC SUMMARY

ALL  
MONTH

ALL  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806

FORT CAMPBELL KY/CAMPBELL AAF

43-45,50-72

ALL

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
38/ 37	.2	.9	.8	.5	.2	.0												5815	5827	7029	6261				
36/ 35	.3	1.0	.9	.4	.1	.0												5772	5784	7098	7011				
34/ 33	.2	1.1	.9	.3	.1	.0												5562	5566	6540	6723				
32/ 31	.3	1.1	.7	.2	.0													4934	4942	6732	7323				
30/ 29	.1	1.1	.7	.2	.0													4479	4483	5769	6987				
28/ 27	.1	.9	.5	.1	.0													3442	3449	4961	6000				
26/ 25	.1	.8	.4	.1	.0													2871	2875	3865	6141				
24/ 23	.1	.6	.3	.0														2037	2040	3072	5429				
22/ 21	.1	.5	.2	.0														1698	1698	2287	4593				
20/ 19	.1	.4	.1	.0														1292	1296	1902	3533				
18/ 17	.1	.3	.1	.0														987	988	1348	3258				
16/ 15	.0	.3	.0															714	716	942	2679				
14/ 13	.0	.2	.0															501	501	731	2107				
12/ 11	.0	.2	.0															392	392	513	1639				
10/ 9	.0	.1	.0															323	323	403	1297				
8/ 7	.0	.1	.0															231	232	294	1062				
6/ 5	.0	.1	.0															149	151	177	854				
4/ 3	.0	.0																118	120	146	700				
2/ 1	.0	.0																80	83	90	488				
0/ -1	.0	.0																67	67	74	338				
-2/ -3	.0	.0																63	64	70	229				
-4/ -5	.0	.0																31	31	41	185				
-6/ -7	.0	.0																18	18	20	111				
-8/ -9	.0	.0																20	20	20	95				
-10/-11	.0																	6	6	7	81				
-12/-13	.0	.0																2	2	2	54				
-14/-15	.0																	1	1	1	26				
-16/-17	.0																	4	4	4	24				
-18/-19	.0																	3	3	3	19				
-20/-21	.0																	1	1	1	12				
-22/-23																					3				
-24/-25																					1				
-26/-27																					5				
-28/-29																					1				
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

43-45, 50-72

ALL

STATION

STATION NAME

YEARS

**MONTH**

PAGE 3

ALL

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72

JAN

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
76/ 75					.0	.0	.0	.0										2	2													
74/ 73				.0	.0	.0	.0	.0										9	9													
72/ 71			.0	.0	.0	.0	.0	.0										19	19													
70/ 69		.0	.0	.0	.1	.0	.0	.0										38	38													
68/ 67		.0	.1	.2	.1	.1	.0	.0	.0	.0								99	99	4	1											
66/ 65		.0	.2	.3	.1	.1	.0	.0	.0	.0								120	120	16	5											
64/ 63	.0	.1	.2	.3	.1	.1	.0	.1	.0	.0								167	167	41	17											
62/ 61	.0	.3	.2	.4	.1	.0	.1	.1	.0	.0								220	220	146	36											
60/ 59	.1	.3	.5	.3	.1	.1	.1	.0	.0									281	281	173	124											
58/ 57	.1	.6	.5	.2	.1	.2	.1	.1	.0									337	337	235	168											
56/ 55	.2	.6	.5	.2	.2	.2	.2	.1	.0									395	395	356	239											
54/ 53	.2	.6	.4	.2	.3	.2	.2	.1	.0									391	392	277	274											
52/ 51	.2	.6	.4	.3	.3	.3	.2	.0										444	446	358	352											
50/ 49	.4	.6	.5	.4	.4	.4	.2	.0										504	504	359	297											
48/ 47	.3	.8	.6	.6	.6	.3	.1	.0										587	587	393	312											
46/ 45	.4	.9	.6	.8	.5	.3	.1	.0										627	627	473	301											
44/ 43	.6	.9	.8	.7	.5	.2	.1											683	684	610	389											
42/ 41	.7	1.2	.9	.9	.7	.2												797	798	696	447											
40/ 39	.9	1.3	1.4	1.0	.6	.2	.0											948	948	903	520											
38/ 37	.6	1.6	1.6	1.1	.5	.1												947	947	860	553											
36/ 35	1.0	1.8	1.8	.9	.2	.0												1018	1018	1039	727											
34/ 33	.8	3.5	1.9	.8	.1	.0												1258	1258	1334	762											
32/ 31	1.0	3.5	2.2	.7	.1													1318	1318	1487	978											
30/ 29	.6	4.0	2.0	.5	.0													1247	1247	1368	1139											
28/ 27	.6	2.8	1.8	.3	.0													973	975	1341	1042											
26/ 25	.4	2.5	1.5	.2														830	830	997	1201											
24/ 23	.3	2.0	1.2	.1														646	646	867	1057											
22/ 21	.3	2.4	.7	.0														606	606	735	1000											
20/ 19	.4	1.9	.5	.0														508	508	732	756											
18/ 17	.3	1.6	.3	.0														385	385	492	867											
16/ 15	.2	1.1	.2															279	280	387	715											
14/ 13	.1	.9	.1															188	188	250	681											
12/ 11	.1	.7	.1															158	158	191	516											
10/ 9	.2	.6	.0															144	144	178	510											
Element (X)	Σx <sup>2</sup>			Σx			Σ	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature																						
Rel. Hum.										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																
Dry Bulb																																
Wet Bulb																																
Dew Point																																



## PSYCHROMETRIC SUMMARY

JAN  
MONTH

ALL  
HOURS (L.S.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
80/ 79											.0							3	3					
78/ 77										.0	.0							3	3					
76/ 75						.0		.0	.0		.0							11	11					
74/ 73							.0	.0		.0	.0							10	10					
72/ 71			.0	.0	.1	.1	.0	.0	.0	.0	.0							53	53					
70/ 69			.0	.1	.0	.1	.0	.1	.0	.0								64	64					
68/ 67	.0	.0	.0	.2	.1	.1	.1	.1	.1	.0								108	108	4	2			
66/ 65		.0	.1	.2	.1	.1	.1	.1	.0	.0								163	163	20	2			
64/ 63		.1	.2	.1	.1	.1	.1	.1	.1	.1								164	164	54	12			
62/ 61	.0	.4	.2	.1	.1	.1	.2	.2	.1	.0								257	257	119	50			
60/ 59	.1	.5	.3	.2	.2	.2	.2	.2	.1	.0								337	337	202	129			
58/ 57	.2	.5	.3	.2	.3	.3	.2	.2	.1									364	364	232	204			
56/ 55	.3	.6	.4	.3	.4	.4	.3	.2	.0									468	468	276	205			
54/ 53	.2	.7	.4	.3	.3	.5	.3	.1										438	438	301	180			
52/ 51	.3	.7	.5	.4	.6	.5	.2	.1										533	535	361	270			
50/ 49	.3	.7	.6	.6	.7	.5	.2	.0										591	592	461	297			
48/ 47	.3	1.0	.6	.8	.8	.4	.2	.0										655	655	521	289			
46/ 45	.6	.9	.9	1.0	.8	.6	.1											807	807	636	399			
44/ 43	.5	1.1	1.1	1.2	.7	.2	.0											797	797	697	422			
42/ 41	.7	1.8	1.5	1.1	.6	.3	.0											977	978	896	543			
40/ 39	.9	2.1	1.6	1.2	.6	.1	.0											1053	1056	1110	612			
38/ 37	.7	2.3	2.1	1.3	.4	.1												1113	1114	1138	750			
36/ 35	.7	2.6	2.2	.8	.3	.0												1077	1078	1260	901			
34/ 33	.8	2.7	2.1	.7	.2	.0												1043	1044	1180	986			
32/ 31	.7	2.6	1.7	.8	.1													950	951	1233	1155			
30/ 29	.4	2.7	1.6	.6	.0													849	850	1043	1116			
28/ 27	.5	2.0	1.5	.3														695	697	943	977			
26/ 25	.4	2.0	1.3	.2														622	623	763	1017			
24/ 23	.2	1.4	1.0	.0														428	431	643	962			
22/ 21	.2	1.2	.8	.0														366	366	497	703			
20/ 19	.1	1.0	.4															240	240	364	567			
18/ 17	.1	1.0	.2															209	209	293	607			
16/ 15	.0	.9	.2															173	173	225	535			
14/ 13	.1	.7	.1															143	143	182	398			
Element (X)	Σ x <sup>2</sup>		Σ x		x̄		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
USAFETAC JUN 71

## PSYCHROMETRIC SUMMARY

YEARS

**MONTH**

ALL

ALL  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

44-45,51-72

MAR  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
86/ 85										.0	.0		.0		.0			9	9					
84/ 83								.0	.0		.0	.0	.0	.0	.0			14	14					
82/ 81							.0	.0	.0	.0	.0	.0	.0	.0	.0			27	27					
80/ 79						.0	.0	.0	.0	.1	.0	.1	.0	.0	.0			53	53					
78/ 77					.0	.0	.1	.0	.1	.1	.1	.1	.1	.0	.0			71	71					
76/ 75				.0	.0	.1	.0	.1	.1	.1	.1	.0	.1	.0				105	105					
74/ 73			.0	.1	.1	.2	.1	.2	.1	.1	.1	.1	.1	.0				173	173					
72/ 71		.0	.0	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1					190	190	4				
70/ 69		.0	.2	.3	.2	.2	.2	.2	.2	.2	.2	.1	.0					320	320	15	2			
68/ 67		.1	.2	.3	.2	.3	.2	.2	.2	.2	.1	.1	.0					362	362	57	9			
66/ 65	.0	.3	.4	.4	.2	.3	.3	.3	.2	.2	.2	.1	.0					466	466	156	42			
64/ 63	.0	.3	.4	.4	.3	.3	.3	.3	.4	.3	.1	.0						504	504	256	107			
62/ 61	.1	.5	.4	.4	.3	.3	.3	.3	.3	.3	.1							560	560	346	202			
60/ 59	.2	.6	.7	.4	.4	.4	.5	.5	.3	.1								696	697	470	308			
58/ 57	.2	.8	.6	.5	.4	.5	.6	.4	.1	.0								709	709	557	353			
56/ 55	.4	.9	.8	.5	.7	.6	.5	.4	.1									873	873	636	425			
54/ 53	.2	.9	.8	.5	.7	.7	.4	.2	.0									793	794	674	433			
52/ 51	.2	.9	.6	.6	.8	.8	.6	.2	.0									821	821	751	493			
50/ 49	.3	1.0	.0	.9	.8	.8	.4	.1	.0									887	888	777	572			
48/ 47	.2	.9	1.1	1.1	.7	.6	.2	.1										857	857	899	548			
46/ 45	.3	1.1	1.3	1.2	.9	.6	.2	.0										987	987	1053	565			
44/ 43	.3	1.2	1.4	1.3	.7	.3	.1											948	948	1080	628			
42/ 41	.4	1.2	1.7	1.6	.8	.3	.0											1070	1070	1143	716			
40/ 39	.3	1.3	1.7	1.6	.7	.3												1038	1038	1168	808			
38/ 37	.2	1.5	1.9	1.2	.5	.1												972	972	1228	891			
36/ 35	.4	2.0	2.0	.9	.3	.0												1001	1001	1208	1060			
34/ 33	.2	1.7	1.7	.8	.1	.0												803	803	1211	1006			
32/ 31	.4	1.9	1.3	.4	.1													701	701	1074	1138			
30/ 29	.3	1.6	1.2	.3	.0													616	616	953	1219			
28/ 27	.1	1.3	.8	.1	.0													418	418	730	1138			
26/ 25	.1	.9	.5	.1														277	278	509	1163			
24/ 23	.0	.4	.3	.0														140	140	306	882			
22/ 21	.1	.5	.2															126	126	195	762			
20/ 19	.1	.2	.1															60	61	128	613			
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

13806  
STATIC

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45, 51-72

YEARS

MAR  
MONTH

PAGE 2

ALL  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45, 50-72  
YEARS

APR  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B.-W.B.	TOTAL																		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																												
88/ 87					.0					.0	.0	.1	.0								22	22																										
86/ 85					.0			.0	.1	.1	.1	.0	.0	.0							61	61																										
84/ 83					.0		.0	.2	.2	.2	.1	.1	.1	.0							149	149																										
82/ 81					.0	.0	.2	.2	.3	.2	.2	.2	.1	.1							240	240																										
80/ 79					.0	.2	.4	.4	.3	.3	.3	.2	.0	.0							362	362		2																								
78/ 77				.0	.2	.3	.4	.3	.3	.3	.2	.2	.0	.0							400	400									2																	
76/ 75				.1	.3	.6	.5	.4	.4	.3	.2	.1	.0								495	495		1																								
74/ 73			.0	.3	.5	.6	.4	.4	.3	.4	.1	.1									540	540		2																								
72/ 71			.2	.7	.8	.6	.4	.4	.3	.3	.2	.1									694	694		37							2																	
70/ 69		.0	.5	1.0	.8	.5	.5	.5	.5	.2	.1	.0									806	806		206							5																	
68/ 67		.2	.9	1.0	.8	.6	.6	.6	.3	.3	.1										951	951		435							54																	
66/ 65	.0	.5	1.2	.9	.6	.6	.7	.5	.4	.2	.0	.0									961	961		762							188																	
64/ 63	.1	.9	1.1	.8	.6	.8	.7	.4	.3	.2											999	999		951							495																	
62/ 61	.2	1.3	1.2	.8	.8	.8	.6	.4	.3	.1	.0										1125	1125		1134							750																	
60/ 59	.2	1.4	.9	.8	.8	.8	.7	.6	.1	.0	.0										1100	1100		1208							957																	
58/ 57	.4	.9	.9	.8	.9	.8	.5	.3	.1	.0											952	952		1182							996																	
56/ 55	.2	.8	1.0	.7	1.0	.9	.5	.2	.0												919	919		1084							902																	
54/ 53	.2	.9	.9	1.0	1.0	.6	.4	.1													877	879		1113							796																	
52/ 51	.1	.9	.9	.9	1.0	.5	.3	.0													785	785		1140							763																	
50/ 49	.1	.9	1.3	1.1	1.0	.5	.2														875	877		1105							922																	
48/ 47	.1	.7	1.2	1.2	.7	.3	.1	.0													735	736		1102							883																	
46/ 45	.1	1.1	1.4	1.1	.6	.2	.0														761	762		1104							807																	
44/ 43	.0	.9	1.3	.9	.5	.1															621	622		1017							1005																	
42/ 41	.1	.9	1.1	.7	.2	.0															523	523		948							1047																	
40/ 39	.2	1.0	.9	.5	.1																457	457		814							1029																	
38/ 37	.1	.7	.7	.3	.0																325	325		653							1010																	
36/ 35	.1	.7	.5	.2																	254	254		528							1010																	
34/ 33	.0	.4	.4	.0																	147	147		338							865																	
32/ 31	.0	.3	.2	.0																	82	82		216							756																	
30/ 29	.0	.2	.0	.0																	39	39		126							603																	
28/ 27		.1	.0																		17	17		43							483																	
26/ 25		.0																			8	8		23							378																	
24/ 23																																																
22/ 21																																																
Element (X)	Σ x²				Σ x				x̄				σx				No. Obs.				Mean No. of Hours with Temperature																											
Rel. Hum.																					≤ 0 F				≤ 32 F				≥ 67 F				≥ 73 F				≥ 80 F				≥ 93 F				Total			
Dry Bulb																																																
Wet Bulb																																																
Dew Point																																																

## PSYCHROMETRIC SUMMARY

<u>13806</u>	<u>FORT CAMPBELL KY/CAMPBELL AAF</u>
STATION	STATION NAME

44-45, 50-72

APR  
MONTH

PAGE 2

ALL

ALL  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72

MAY  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
98/ 97												.0	.0					1	1					
96/ 95												.0	.0					5	6					
94/ 93											.0	.0		.0				10	10					
92/ 91							.0	.0	.0	.1	.1	.1	.0		.0			44	45					
90/ 89						.0	.0	.0	.1	.2	.3	.1	.0					128	130					
88/ 87					.0	.0	.1	.2	.3	.4	.2	.2	.1					233	233					
86/ 85					.0	.1	.3	.5	.6	.4	.3	.2	.1	.0				422	430					
84/ 83				.0	.0	.2	.6	.7	.5	.5	.2	.1	.1					507	522					
82/ 81				.1	.2	.5	.8	.6	.6	.4	.2	.1	.0					612	617					
80/ 79			.0	.2	.4	.9	.8	.6	.6	.5	.2	.1						730	739	6				
78/ 77			.0	.4	.8	.9	.7	.6	.6	.4	.1	.0						800	821	12				
76/ 75		.0	.2	.8	1.1	.9	.6	.6	.4	.3	.0	.0						903	919	69	9			
74/ 73		.1	.5	1.2	1.2	.8	.6	.5	.4	.1	.0	.0			.0			958	979	278	28			
72/ 71	.0	.3	1.0	1.5	1.2	.7	.6	.4	.3	.1	.0							1067	1080	687	107			
70/ 69	.0	.7	1.8	1.6	1.0	.8	.4	.4	.2	.1	.0							1263	1280	1200	310			
68/ 67	.1	1.7	2.2	1.3	1.0	.6	.5	.3	.2	.1								1408	1425	1471	743			
66/ 65	.3	2.4	2.1	1.1	.8	.6	.4	.3	.1	.0								1437	1464	1942	1270			
64/ 63	.6	2.1	1.7	.9	.8	.4	.3	.2	.1									1249	1267	1957	1751			
62/ 61	.3	2.0	1.3	1.1	.7	.4	.3	.1	.1									1103	1109	1718	1778			
60/ 59	.3	1.5	1.1	.9	.6	.5	.3	.1	.0									907	911	1503	1549			
58/ 57	.3	1.1	1.1	.8	.5	.3	.1	.0	.0		.0							763	767	1220	1301			
56/ 55	.2	1.1	1.2	.7	.4	.3	.1	.0	.0									688	690	1063	1220			
54/ 53	.3	.9	.9	.7	.4	.1	.0	.0		.0								595	597	957	1220			
52/ 51	.2	.9	.8	.6	.2	.1	.0	.0										487	487	846	1102			
50/ 49	.1	.7	.7	.4	.1	.0	.0	.0										381	381	754	926			
48/ 47	.1	.5	.5	.2	.1	.0												250	250	589	885			
46/ 45	.1	.6	.4	.3	.0	.0	.0											244	244	446	745			
44/ 43	.0	.4	.3	.1	.0													134	134	324	658			
42/ 41	.0	.3	.2	.1	.0													97	97	204	517			
40/ 39	.1	.2	.1	.0														71	71	154	437			
38/ 37	.0	.1	.1	.0														39	39	68	349			
36/ 35	.0	.1	.0															25	25	66	252			
34/ 33																				24	189			
32/ 31																				3	108			
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.													≤ 0 F	1-32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

**MAY**  
**MONTH**

PAGE 2

ALL  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,50-72  
YEARS

JUN  
MONTH

PAGE 1

ALL  
HOUP (L, S, T<sub>r</sub>)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
104/103														.0	.0			3	3				
102/101														.0			.0	8	8				
100/ 99										.0	.0	.1	.1	.0	.0	.0		42	42				
98/ 97								.0	.0	.1	.1	.2	.1	.0	.0			101	101				
96/ 95								.0	.1	.2	.3	.1	.1	.1				159	159				
94/ 93							.0	.1	.3	.4	.4	.1	.1	.0				252	252				
92/ 91						.0	.1	.3	.5	.5	.2	.1	.1	.0				315	315				
90/ 89					.0	.1	.4	.9	.8	.4	.2	.1	.0					523	523				
88/ 87					.1	.4	.9	1.0	.7	.4	.3	.1	.0					664	664				
86/ 85		.0		.0	.3	1.2	1.2	1.1	.7	.5	.2	.0	.0	.0				898	898				
84/ 83			.0	.1	.7	1.3	1.2	.9	.6	.4	.1	.0	.0	.0				940	941	5			
82/ 81		.0	.1	.5	1.1	1.3	1.1	.7	.5	.3	.1	.0	.0					1000	1000	22	1		
80/ 79		.0	.4	1.4	1.6	1.2	.8	.7	.6	.3	.1	.0						1244	1244	141	8		
78/ 77		.2	.9	1.9	1.6	.9	.8	.6	.4	.1	.0	.0						1263	1263	565	27		
76/ 75	.0	.6	1.9	1.9	1.3	.7	.6	.3	.3	.1	.0							1330	1331	1310	195		
74/ 73	.0	1.1	2.2	2.1	1.1	.6	.4	.2	.1	.0								1389	1389	1699	635		
72/ 71	.1	2.0	2.5	1.8	.9	.6	.3	.1	.0	.0								1444	1444	2080	1429		
70/ 69	.3	2.7	2.7	1.3	.7	.3	.2	.1	.0	.0								1424	1424	2368	2049		
68/ 67	.5	2.4	2.2	1.2	.5	.2	.1	.0	.0									1229	1229	2277	2377		
66/ 65	.5	1.9	1.8	.8	.4	.1	.0	.0	.0									945	945	1889	2256		
64/ 63	.2	1.2	1.3	.6	.2	.1	.0											626	626	1518	1878		
62/ 61	.2	1.2	.9	.4	.1	.1	.0											485	486	1120	1458		
60/ 59	.2	1.0	.7	.3	.1	.0												393	393	848	1283		
58/ 57	.1	.8	.4	.1	.0													260	260	581	1119		
56/ 55	.0	.5	.3	.2	.0													180	180	375	885		
54/ 53	.1	.3	.2	.1														99	99	244	621		
52/ 51	.1	.2	.1	.0														74	74	131	486		
50/ 49	.0	.1	.1	.0														28	28	96	254		
48/ 47	.0	.1	.0															16	16	44	131		
46/ 45	.0	.0	.0															4	4	21	97		
44/ 43	.0	.0	.0															5	5	6	93		
42/ 41																				3	28		
40/ 39																					20		
38/ 37																					10		
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																							
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

**YEARS**

PAGE 2

ALL  
HOURS (L. S. T.)

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
YEARS

JUL  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
106/105													.0			.0	.0	3	3					
104/103													.0	.0		.0	.0	10	10					
102/101												.0	.0			.0	.0	13	13					
100/ 99										.0	.1	.1	.0	.0	.0	.0	.0	55	62					
98/ 97								.0	.0	.1	.2	.1	.0	.0	.0			99	112					
96/ 95						.0	.0	.1	.2	.3	.3	.2	.1		.0			228	238					
94/ 93						.0	.0	.3	.5	.4	.3	.1	.0	.0	.0	.0	.0	318	342					
92/ 91						.0	.3	.6	.7	.7	.3	.1	.1	.0	.0		.0	508	522					
90/ 89					.0	.3	.9	1.5	.9	.4	.2	.2	.0	.0	.0			839	860					
88/ 87	.0			.0	.2	.9	1.7	1.5	.9	.3	.3	.1	.0	.0	.0			1112	1124	1	1			
86/ 85				.1	.7	2.0	1.7	1.0	.5	.5	.3	.1	.0	.0				1273	1297	1				
84/ 83			.0	.4	1.4	1.6	1.0	.7	.5	.3	.2	.0		.0				1153	1172	12				
82/ 81		.0	.3	1.3	1.7	1.4	.8	.5	.3	.2	.1	.0	.0	.0				1204	1224	61	2			
80/ 79		.1	1.0	2.2	1.5	.9	.6	.4	.3	.1	.1	.0	.0					1340	1358	412	15			
78/ 77	.0	.6	2.5	2.3	1.2	.7	.4	.3	.2	.1	.0	.0						1511	1529	1186	124			
76/ 75	.1	1.8	3.0	1.9	.8	.6	.4	.2	.1	.0								1668	1683	2339	638			
74/ 73	.4	3.4	3.1	1.6	.7	.4	.2	.1	.0	.0								1862	1865	3016	1758			
72/ 71	.9	3.9	2.5	1.0	.5	.2	.1	.0	.0									1738	1743	3016	3072			
70/ 69	.9	2.9	2.0	1.0	.3	.2	.0	.0										1386	1395	2659	3270			
68/ 67	.4	1.5	1.4	.5	.2	.2	.0	.0										778	780	1942	2577			
66/ 65	.2	1.0	1.2	.4	.1	.0	.0											565	567	1328	1794			
64/ 63	.0	.7	.7	.3	.1	.0	.0											351	352	974	1336			
62/ 61	.1	.6	.5	.2	.0	.0												250	250	640	1064			
60/ 59	.0	.5	.3	.1	.0	.0												180	180	461	911			
58/ 57	.0	.3	.1	.0	.0													82	82	283	703			
56/ 55	.0	.2	.1	.0														55	55	163	505			
54/ 53		.1	.0															25	25	75	348			
52/ 51		.0	.0															7	7	34	246			
50/ 49		.0																5	5	10	123			
48/ 47																				5	60			
46/ 45																					38			
44/ 43																					15			
42/ 41																					8			
40/ 39																					6			
Element (X)	ΣX <sup>2</sup>		ΣX		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																								
Wet Bulb																								
Dew Point																								

9477-54321  
FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
USAFETAC JUN 71

## PSYCHROMETRIC SUMMARY

**JUL**  
**MONTH**

ALL

HOURS (L. S. T.)

[illegible]

**USAFETAC FORM 0-26.3 (OL A)** PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

13806  
STATIC

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45, 50-72

AUG  
MONTH

PAGE 1

ALL

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point													
104/103												.0	.0	.0	.0	.0	.0	3	3															
102/101												.0	.0	.0	.0	.0	.0	18	18															
100/ 99											.0	.0	.1	.0	.0	.0	.0	44	44															
98/ 97										.1	.1	.1	.1	.1	.1	.0	.0	103	103															
96/ 95								.0	.1	.2	.3	.2	.1	.1	.0			220	220															
94/ 93						.0	.0	.2	.4	.4	.4	.3	.2	.0				370	370															
92/ 91						.0	.1	.4	.7	.6	.5	.2	.0	.0	.0			486	487															
90/ 89					.0	.2	.6	.9	.9	.7	.4	.2	.1	.0				764	766															
88/ 87				.0	.1	.6	1.1	1.1	1.0	.4	.2	.1	.0	.0				915	916															
86/ 85				.1	.6	1.1	1.2	1.1	.7	.4	.3	.0	.0					1057	1058															
84/ 83			.0	.4	.9	1.3	1.1	.8	.5	.3	.1	.0	.0					1079	1086	1														
82/ 81			.2	.7	1.2	1.2	.9	.6	.4	.2	.1	.0						1090	1093	25														
80/ 79		.0	.7	1.6	1.3	1.1	.9	.6	.3	.2	.1	.0						1296	1305	250	9													
78/ 77		.5	1.8	1.7	1.5	.9	.7	.3	.1	.0	.0							1454	1463	889	68													
76/ 75	.1	1.7	2.6	1.9	1.3	.8	.4	.2	.1	.1	.0							1760	1767	1746	483													
74/ 73	.3	2.8	2.6	1.8	1.1	.5	.2	.1	.0	.0								1824	1832	2530	1299													
72/ 71	.6	3.5	2.5	1.6	1.0	.3	.2	.1	.0									1875	1880	2996	2316													
70/ 69	.6	3.0	2.1	1.2	.4	.2	.0	.0	.0									1455	1459	2925	2614													
68/ 67	.4	2.1	1.7	.9	.4	.1	.1	.0										1080	1082	2336	2635													
66/ 65	.2	1.4	1.3	.7	.3	.1	.0											784	785	1775	2216													
64/ 63	.1	1.1	.9	.5	.1	.1	.0											546	547	1245	1947													
62/ 61	.1	.9	.6	.3	.2	.0												390	391	846	1542													
60/ 59	.1	.6	.4	.2	.1	.0												264	265	667	1273													
58/ 57	.0	.5	.3	.1	.0													163	166	410	929													
56/ 55	.0	.3	.2	.0														104	104	294	718													
54/ 53	.0	.2	.1	.0														46	46	167	431													
52/ 51		.0	.0	.0														23	23	74	295													
50/ 49		.0	.0	.0														5	5	22	174													
48/ 47				.0														1	1	13	129													
46/ 45																																		

## PSYCHROMETRIC SUMMARY

**YEARS**

PAGE 2

ALL  
FOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45, 50-72  
YEARS

SEP  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	D.B.	W.B.	D.P.
104/103																	.0		3	3				
102/101																	.0		8	8				
100/ 99														.0	.0	.0	.0		15	15				
98/ 97											.0	.0	.0	.0	.0	.0	.0		22	22				
96/ 95								.0	.0	.0	.0	.1	.1	.0	.0	.0	.0		59	59				
94/ 93								.0	.0	.1	.1	.1	.1	.1	.0	.0	.0		104	104				
92/ 91							.0	.1	.1	.2	.1	.1	.1	.0	.0	.0			142	142				
90/ 89						.0	.1	.2	.3	.3	.1	.1	.1	.1	.0				267	267				
88/ 87					.0	.1	.3	.5	.4	.4	.2	.1	.1	.1	.0				391	391				
86/ 85					.1	.4	.5	.5	.5	.4	.2	.2	.1	.0					524	524				
84/ 83				.0	.4	.7	.5	.6	.4	.4	.3	.1	.0	.0					600	601				
82/ 81			.1	.2	.6	.7	.5	.5	.5	.4	.2	.1	.0						683	683			2	
80/ 79		.0	.2	.5	.7	.9	.6	.6	.7	.4	.2	.1	.0						866	867			27	
78/ 77		.1	.5	.9	.7	.7	.8	.5	.6	.3	.2	.0							935	935			149	9
76/ 75	.0	.5	1.0	.9	.8	.8	.7	.5	.5	.3	.1	.0							1130	1130			452	69
74/ 73	.1	1.5	1.6	1.2	.8	.9	.5	.5	.3	.1	.1	.0							1353	1354			946	308
72/ 71	.3	2.2	1.5	1.2	1.1	.7	.6	.3	.3	.1	.0								1500	1500			1443	816
70/ 69	.7	2.6	1.5	1.3	.9	.7	.4	.3	.2	.1	.0								1553	1554			1815	1362
68/ 67	.3	1.9	1.7	1.2	1.0	.5	.3	.2	.1	.0									1283	1283			1610	1381
66/ 65	.5	2.0	1.8	1.2	.8	.4	.3	.1	.1										1292	1293			1803	1399
64/ 63	.3	1.8	1.6	1.1	.6	.3	.2	.1	.0										1059	1059			1760	1436
62/ 61	.2	1.8	1.2	.9	.4	.2	.1	.0											858	859			1570	1473
60/ 59	.2	1.6	1.2	1.0	.4	.2	.0												856	859			1521	1479
58/ 57	.2	1.5	1.0	.5	.3	.1	.0												673	674			1249	1360
56/ 55	.2	1.0	.9	.4	.2	.1													497	497			1048	1297
54/ 53	.2	.9	.8	.3	.2	.0													431	431			750	1173
52/ 51	.1	.7	.5	.3	.1	.0													306	306			592	1088
50/ 49	.1	.6	.6	.1	.0														233	233			437	839
48/ 47	.0	.3	.3	.1															111	111			324	665
46/ 45	.0	.4	.1	.0															83	83			217	585
44/ 43	.0	.3	.0																54	54			123	427
42/ 41	.0	.2	.0																39	39			63	327
40/ 39	.0	.1																	16	16			35	230
38/ 37	.1																		13	13			20	128
Element (X)	Σ x²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

13806  
STATIC

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45, 50-72

YEARS

SEP  
MONTH

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
94/ 93										.0								1	1						
92/ 91								.0		.0								5	5						
90/ 89								.0		.0	.0	.0	.0					14	14						
88/ 87							.0	.0	.1	.0	.0	.0	.0	.0	.0			47	47						
86/ 85					.0	.0	.1	.1	.1	.0	.0	.1	.1	.0	.0			112	112						
84/ 83					.0	.1	.1	.2	.1	.2	.1	.1	.1	.0	.0			185	185						
82/ 81				.0	.0	.2	.2	.2	.2	.2	.2	.1	.0	.0	.0			251	251						
80/ 79				.0	.1	.3	.3	.4	.4	.2	.3	.1	.0					384	384						
78/ 77			.0	.1	.2	.3	.5	.4	.4	.2	.2	.1		.0				455	455	.6					
76/ 75		.0	.1	.2	.4	.5	.5	.4	.4	.4	.2	.1						564	564	20					
74/ 73	.0	.0	.2	.4	.3	.4	.5	.3	.4	.2	.1	.0						547	547	67	14				
72/ 71	.0	.3	.3	.6	.4	.6	.4	.3	.4	.4	.1	.0						712	712	170	30				
70/ 69	.0	.4	.6	.7	.6	.5	.4	.4	.4	.3	.1	.0						854	854	386	114				
68/ 67	.1	.7	.9	.7	.7	.4	.5	.4	.4	.3	.0							968	968	515	284				
66/ 65	.2	1.0	1.1	.8	.5	.4	.5	.5	.4	.2	.0							1068	1075	911	438				
64/ 63	.2	1.7	1.0	.8	.6	.6	.5	.6	.3	.1								1185	1187	1051	674				
62/ 61	.2	1.5	1.0	.7	.5	.6	.5	.4	.2	.0								1067	1079	1250	828				
60/ 59	.3	1.6	1.0	.8	.6	.8	.6	.4	.1									1172	1176	1272	941				
58/ 57	.2	1.7	1.2	.7	.7	.6	.5	.2	.1									1091	1094	1191	962				
56/ 55	.3	1.6	1.2	1.0	.9	.7	.3	.1	.0									1151	1159	1271	1116				
54/ 53	.1	1.3	1.1	1.1	.9	.4	.2	.1										971	976	1209	1055				
52/ 51	.1	1.3	1.5	1.0	.6	.4	.2	.0										967	976	1231	905				
50/ 49	.2	1.4	1.4	1.4	.5	.3	.1	.0										996	1000	1336	908				
48/ 47	.2	1.4	1.4	.9	.4	.2	.0											833	833	1369	1005				
46/ 45	.3	1.4	1.2	.8	.2	.1	.0											751	752	1249	1186				
44/ 43	.1	1.1	1.1	.6	.3	.0	.0											616	616	1030	1122				
42/ 41	.2	1.1	1.0	.4	.1	.0	.0											519	521	831	1186				
40/ 39	.2	1.0	.8	.3	.1	.0												444	444	756	1162				
38/ 37	.2	.8	.4	.2	.0	.0												293	293	599	982				
36/ 35	.1	.7	.3	.1	.0													216	216	398	1033				
34/ 33	.0	.5	.2	.1	.0													164	164	249	764				
32/ 31	.1	.3	.1	.0	.0													80	80	198	646				
30/ 29		.2	.1	.0														52	52	87	430				
28/ 27	.0	.1																20	20	79	254				
Element (X)	$\Sigma X^2$			$\Sigma X$			$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature										Total		
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

**YEARS**

**MONTH**

ALL

HOURS (L, S, T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

43-44,50-72

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	D.B.	W.B.	D.P.	Total
84/ 83									.0		.0							2	2		2			
82/ 81						.0	.0	.0	.0	.0	.0							8	8		8			
80/ 79						.0	.0	.0	.0	.0	.0							23	23		23			
78/ 77					.0	.0	.0	.1	.0	.0	.0							45	45		45			
76/ 75				.0	.1	.0	.1	.1	.1	.1	.0	.0						89	89		89			
74/ 73		.0		.0	.1	.1	.2	.1	.1	.1	.1	.0						152	152		152			
72/ 71		.0	.0	.1	.1	.1	.2	.2	.1	.1	.0	.0	.0					189	189	8				
70/ 69	.0	.1	.2	.1	.1	.2	.2	.2	.1	.1	.0	.0						226	226	22				
68/ 67	.0	.1	.2	.2	.2	.3	.3	.2	.1	.2	.0							317	317	74	13			
66/ 65	.0	.2	.3	.3	.4	.4	.3	.2	.2	.1								430	430	135	76			
64/ 63	.0	.3	.5	.4	.5	.4	.3	.3	.2	.1								508	508	186	108			
62/ 61	.0	.5	.4	.4	.4	.4	.3	.3	.1	.0	.0							503	504	291	113			
60/ 59	.1	.8	.6	.4	.5	.5	.4	.4	.1	.0	.0							673	678	401	214			
58/ 57	.1	1.0	.6	.7	.7	.5	.5	.3	.1	.0								764	764	593	318			
56/ 55	.2	1.0	.8	.7	.7	.6	.5	.3	.0									861	864	648	414			
54/ 53	.2	1.1	.7	.7	.7	.7	.5	.2										840	840	667	533			
52/ 51	.2	1.0	.8	.9	.9	.8	.4	.1										899	899	778	520			
50/ 49	.1	1.1	1.1	1.0	.8	.7	.3	.1										931	939	837	571			
48/ 47	.3	1.4	1.2	1.0	.8	.5	.2	.0										971	972	982	656			
46/ 45	.2	1.7	1.0	1.3	.9	.6	.1	.0										1048	1053	1168	728			
44/ 43	.3	1.3	1.5	1.1	.9	.3	.1	.0										962	967	1131	776			
42/ 41	.3	1.5	1.7	1.4	.7	.2	.0											1034	1035	1080	864			
40/ 39	.4	1.8	2.2	1.3	.5	.1												1130	1135	1202	858			
38/ 37	.3	2.0	1.8	1.1	.3	.0												970	973	1252	916			
36/ 35	.2	2.1	1.7	.9	.2													921	925	1326	1086			
34/ 33	.2	2.0	1.9	.6	.1													838	839	1070	1116			
32/ 31	.3	1.7	1.2	.3	.0													618	624	1071	1208			
30/ 29	.2	1.6	1.0	.1	.0													544	547	832	1182			
28/ 27	.1	1.8	.6	.1														455	458	667	997			
26/ 25	.1	1.2	.3	.1														309	311	522	966			
24/ 23	.1	.9	.1	.1														217	217	333	999			
22/ 21	.1	.5	.1	.0														140	140	199	728			
20/ 19	.0	.3	.1	.0														80	81	142	564			
18/ 17	.0	.3	.0															75	75	90	430			
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
USAFETAC JUN 71

## PSYCHROMETRIC SUMMARY

13806

FORT CAMPBELL KY./CAMPBELL AAF

43-44, 50-72

:NDV

STATION

STATION NAME

YEARS

**MONTH**

**PAGE 2**

ALL

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806

FORT CAMPBELL KY/CAMPBELL AAF

43-44, 50-72

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
78/ 77							.0	.0										2	2						
76/ 75						.0												2	2						
74/ 73		.0				.0												3	3						
72/ 71			.0	.0	.0	.0	.0	.0	.0	.0								24	24	1	1				
70/ 69			.0	.1	.1	.0	.0	.0										46	46						
68/ 67			.1	.2	.1	.0	.0	.0	.0	.0								78	78						
66/ 65		.0	.2	.4	.1	.1	.0	.0	.0	.0								184	184	15					
64/ 63		.2	.4	.2	.1	.1	.0	.1	.0	.0								216	216	56	12				
62/ 61	.0	.3	.2	.2	.2	.1	.1	.1	.1	.0								233	233	161	50				
60/ 59	.2	.5	.3	.2	.1	.2	.2	.1	.0	.0								340	340	256	150				
58/ 57	.2	.7	.5	.3	.2	.2	.2	.1										431	431	241	279				
56/ 55	.4	1.0	.3	.2	.3	.4	.3	.1	.0									561	563	375	330				
54/ 53	.4	.7	.4	.3	.3	.3	.2	.0	.0									473	474	428	317				
52/ 51	.3	.8	.5	.4	.5	.4	.2	.0										597	599	374	346				
50/ 49	.4	1.0	.6	.5	.6	.5	.2	.0										685	688	460	376				
48/ 47	.5	1.1	.7	.7	.8	.4	.1	.0										764	777	621	379				
46/ 45	.4	.9	.7	1.0	.7	.3	.1											741	751	659	417				
44/ 43	.4	1.1	.9	1.0	.8	.2	.0											817	837	705	434				
42/ 41	.7	1.4	1.2	1.0	.6	.1	.0											947	956	847	565				
40/ 39	.8	1.8	2.0	1.1	.6	.2												1191	1194	1050	594				
38/ 37	.6	2.3	1.7	1.2	.4	.0												1143	1151	1211	670				
36/ 35	.6	2.7	2.1	1.2	.2	.0												1258	1265	1269	866				
34/ 33	.9	3.0	2.3	.7	.2	.0												1309	1311	1333	1007				
32/ 31	.7	2.8	2.2	.7	.1													1185	1186	1450	1305				
30/ 29	.3	3.1	2.2	.5	.0													1132	1132	1360	1246				
28/ 27	.2	2.7	1.6	.2	.0													864	864	1158	1089				
26/ 25	.3	2.7	1.2	.2	.0													819	819	1029	1147				
24/ 23	.2	2.3	.7	.1														606	606	907	1063				
22/ 21	.2	1.8	.5	.0														460	460	661	1083				
20/ 19	.3	1.4	.4	.0														404	406	536	908				
18/ 17	.2	1.0	.3															276	277	405	815				
16/ 15	.1	.8	.1															194	194	212	743				
14/ 13	.1	.6	.1															130	130	234	579				
12/ 11	.1	.5	.0															114	114	132	404				
Element (X)	ΣX²		ΣX		X		X²		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

DEC

**MONTH**

ALL

**HOURS: (11:30 - 7:00)**

[illegible]





## PSYCHROMETRIC SUMMARY

13806  
STATIC

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45, 51-72

YEARS

JAN  
MONTH

PAGE 2

0000-0200  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

44-45, 51-72

YEARS

JAN  
MONTH

PAGE i

0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
70/ 69			.1															3	3					
68/ 67		.0																1	1					
66/ 65		.0	.1															4	4	4	1			
64/ 63		.2	.2	.0														11	11	1	4			
62/ 61		.2	.2	.0	.0													11	11	13	2			
60/ 59	.0	.4	.5	.2														25	25	9	14			
58/ 57	.0	.8	.5	.0														29	29	22	12			
56/ 55	.1	.8	.9	.0	.1													42	42	30	24			
54/ 53	.3	.5	.4	.0	.1													28	28	35	29			
52/ 51	.2	.8	.5	.3	.4													47	49	40	39			
50/ 49	.4	1.0	.6	.2	.1													52	52	32	30			
48/ 47	.0	.8	.6	.5	.2													48	48	50	37			
46/ 45	.4	.8	.6	.3	.2	.1												53	53	38	41			
44/ 43	1.0	.7	.6	.2	.2	.1												63	64	70	53			
42/ 41	.6	1.0	.7	.6	.5	.0												75	76	55	47			
40/ 39	1.1	1.2	.8	.7	.2	.1												91	91	72	55			
38/ 37	.8	1.6	1.1	.3	.0													86	86	78	58			
36/ 35	1.1	2.0	1.4	.3	.0													107	107	100	74			
34/ 33	1.3	3.4	1.8	.2	.0													149	149	133	96			
32/ 31	.9	4.0	1.8	.0	.1													150	150	140	100			
30/ 29	.9	6.4	1.9	.2														205	205	172	109			
28/ 27	1.0	4.5	1.5	.1														158	158	205	125			
26/ 25	1.0	3.6	1.2															126	126	163	164			
24/ 23	.7	3.0	.7															97	97	120	149			
22/ 21	.5	3.6	.4	.0														101	101	105	132			
20/ 19	1.0	3.1	.3															96	96	122	86			
18/ 17	.7	3.0	.4															92	92	79	120			
16/ 15	.5	1.8	.1															53	53	82	112			
14/ 13	.3	1.1	.1															35	35	48	100			
12/ 11	.4	1.2																35	35	40	65			
10/ 9	.5	1.0																33	33	33	71			
8/ 7	.4	1.0					</																	

**USAFETAC** FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

**44-45, 51-72**

**YEARS**

JAN  
MONTH

**PAGE 2**

0300-0500  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AFB  
STATION NAME

44-45,51-72  
YEARS

JAN  
MONTH

PAGE 1

0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
72/ 71				.0															1	1					
70/ 69		.0	.2																5	5					
68/ 67																					1				
66/ 65		.0	.1	.1															5	5	5				
64/ 63			.2	.0															6	6	2				
62/ 61		.4	.1	.1															13	13	4				
60/ 59	.1	.4	.5	.0															24	24	19				
58/ 57	.2	.8	.4	.1	.1														35	35	20				
56/ 55	.2	.7	.8	.1	.1		.0	.0											44	44	38				
54/ 53	.3	.8	.5	.0			.0												38	38	31				
52/ 51	.0	.5	.5	.3	.0														30	30	35				
50/ 49	.5	.6	.6	.2	.0														43	43	38				
48/ 47	.2	1.0	.7	.3	.2														53	53	40				
46/ 45	.5	1.0	.4	.1	.4														52	52	46				
44/ 43	.5	1.2	.6	.2	.3	.1													64	64	67				
42/ 41	.6	1.1	.6	.5	.5	.1													77	77	46				
40/ 39	1.1	1.3	.8	.3	.2	.1													85	85	78				
38/ 37	.7	1.6	1.2	.7	.1														94	94	83				
36/ 35	1.6	2.1	.8	.2	.0														106	106	102				
34/ 33	.9	3.6	1.5	.2															136	136	119				
32/ 31	1.3	4.1	1.6	.2	.0														160	160	143				
30/ 29	.9	5.8	1.5	.2															186	186	178				
28/ 27	1.0	5.3	1.4																170	170	201				
26/ 25	.8	4.0	1.0																129	129	148				
24/ 23	.6	3.3	.9	.0															106	106	128				
22/ 21	.5	3.7	.3																100	100	117				
20/ 19	.9	3.0	.2																92	92	115				
18/ 17	.5	2.4	.1																68	68	82				
16/ 15	.6	2.5	.2																73	73	77				
14/ 13	.0	1.6	.1																38	38	44				
12/ 11	.1	1.3																	31	31	36				
10/ 9	.5	1.0																	34	34	46				
8/ 7	.7	.9																	36	36	32				
6/ 5	.2	.8																	22	23	29				
Element (X)	Σ X <sup>2</sup>		Σ X		X		Σ X		X		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																									
Wet Bulb																									
Dew Point																									



## PSYCHROMETRIC SUMMARY

44-45, 51-72

JAN  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

YEARS

JAN  
MONTH

PAGE 2 0900-1100  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

13806

FORT CAMPBELL KY/CAMPBELL AAF

44-45, 51-72

JAN

STATION

STATION NAME

**YEARS**

**MONTH**

PAGE 1

1200-1400

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
74/ 73					.0		.1	.0										4	4													
72/ 71					.0	.1	.1		.0									7	7													
70/ 69				.2	.3	.1	.0											15	15													
68/ 67			.1	.4	.4	.3	.0		.1	.0								30	30													
66/ 65		.0	.2	.4	.4	.2	.1	.1	.0	.0								33	33	1												
64/ 63	.1	.1	.4	.5	.2	.4	.2	.3	.1	.0								51	51	13	3											
62/ 61		.2	.3	.5	.3	.0	.3	.3	.1	.0								45	45	40	9											
60/ 59	.2	.3	.5	.1	.2	.3	.5	.0	.1									49	49	30	20											
58/ 57	.0	.3	.3	.2	.4	.5	.4	.2	.0									50	50	47	25											
56/ 55	.2	.3	.2	.4	.3	.7	.5	.3	.0									64	64	40	41											
54/ 53	.1	.3	.4	.3	.5	.4	.9	.3	.0									71	71	30	45											
52/ 51	.3	.6	.5	.5	.6	1.2	.9	.2										105	105	52	35											
50/ 49	.5	.5	.7	.1	.9	1.0	.3	.0										91	91	74	39											
48/ 47	.2	.6	.6	.8	1.2	1.2	.4	.0										112	112	66	36											
46/ 45	.4	1.0	.6	1.1	1.0	1.0	.2	.0										118	118	92	46											
44/ 43	.4	1.0	.9	1.5	.7	.5	.1											111	111	94	61											
42/ 41	.5	1.1	1.0	1.2	1.0	.4												114	114	136	51											
40/ 39	.7	.9	1.7	1.3	1.3	.3	.1											138	138	160	74											
38/ 37	.6	1.3	1.7	1.8	1.0	.1												142	142	158	83											
36/ 35	.5	1.4	2.1	1.0	.7	.0												127	127	151	106											
34/ 33	.6	2.8	2.0	1.5	.3													160	160	150	116											
32/ 31	.5	1.9	2.1	1.0	.2													124	124	192	114											
30/ 29	.3	1.8	1.7	1.0														104	104	137	160											
28/ 27	.2	1.1	1.6	.5														75	76	141	139											
26/ 25	.2	.5	1.6	.5														62	62	92	157											
24/ 23	.0	.7	1.0	.1														40	40	59	113											
22/ 21	.1	.9	.7	.1														40	40	64	119											
20/ 19	.0	.4	1.1															34	34	51	92											
18/ 17	.0	.3	.3	.0														15	15	34	98											
16/ 15	.0	.4	.3															16	16	24	67											
14/ 13	.1</																															



## PSYCHROMETRIC SUMMARY

**YEARS**

JAÑ  
MONTA

1200-1400  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
11/11/71

## PSYCHROMETRIC SUMMARY

13806

FORT CAMPBELL KY/CAMPBELL AAF

44-45, 51-72

JAN

STATION

STATION NAME

YEARS

**MONTH**

PAGE 1

1500-1700

HOURS (L - S - T - )

[illegible]

## PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

44-45851-72

**JAN-**

**STATION**

STATION NAME

**YEARS**

**MONTH**

PAGE 2

**1500-1700**

HOURS (L: S. T.)

[illegible]



### PSYCHROMETRIC SUMMARY.

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45, 51-72

**YEARS**

JAN

**MONTH**

**PAGE: 2.**

**1800-2000**  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

YEARS

JAN  
MONTH

PAGE 1

2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
68/ 67			.0	.1														4	4					
66/ 65		.1	.2	.3														13	13					
64/ 63			.1	.2	.0													8	8	5				
62/ 61	.0	.3	.3	.5	.0													27	27	12	7			
60/ 59		.1	.6	.5	.1	.0												32	32	10	8			
58/ 57	.1	.5	.8	.2		.1	.0											40	40	27	15			
56/ 55	.3	.6	.5	.3	.2	.1												44	44	60	30			
54/ 53	.1	1.1	.5	.4	.1	.1												52	52	29	36			
52/ 51	.1	.9	.3	.3	.2	.0	.0											42	42	49	58			
50/ 49	.2	.2	.3	.4	.4													33	33	35	38			
48/ 47	.5	1.2	.6	.6	.9													84	84	43	40			
46/ 45	.3	.8	.5	.8	.3	.1												62	62	57	32			
44/ 43	.4	.9	.6	.5	.1		.1											58	58	56	35			
42/ 41	.8	1.4	.7	.8	.4	.0												92	92	79	63			
40/ 39	1.0	1.4	1.4	1.0	.6	.0												118	118	101	61			
38/ 37	.9	1.8	1.5	1.4	.4	.1												133	133	89	72			
36/ 35	1.0	2.4	1.9	.8	.0													134	134	119	91			
34/ 33	.7	4.0	1.9	.6	.1													164	164	138	85			
32/ 31	1.3	4.2	2.9	.5	.0													198	198	222	137			
30/ 29	.3	4.0	2.0	.5														153	153	177	142			
28/ 27	.6	2.9	2.2	.2														131	131	159	122			
26/ 25	.3	3.1	2.0	.3														125	125	126	140			
24/ 23	.4	2.9	1.8	.0														114	114	137	114			
22/ 21	.2	2.9	.7															85	85	117	137			
20/ 19	.2	2.7	.5															76	76	109	97			
18/ 17	.3	1.4	.3															45	45	71	105			
16/ 15	.2	1.1	.1															32	32	48	108			
14/ 13	.0	.9																20	20	27	93			
12/ 11	.1	.3																9	9	20	72			
10/ 9	.0	.5																12	12	11	78			
8/ 7	.4	.4																17	17	19	42			
6/ 5	.2	.5																15	15	16	37			
4/ 3	.1	.3																10	10	11	29			
2/ 1	.0	.3																8	8	9	14			
Element (X)	Σ X <sup>2</sup>			Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Mean No. of Hours with Temperature		Total				
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

**JAN**  
**MONTH**

**2100-2300**  
**HOURS (L. S. T.)**

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45, 51-72  
YEARS

FEB  
MONTH

PAGE 1

0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
70/ 69				.1														3	3					
68/ 67				.2	.1													6	6					
66/ 65			.1	.0														3	3	1				
64/ 63			.1	.0														4	4	3				
62/ 61	.0	.4	.2	.1	.1													19	19	8	4			
60/ 59	.3	.5	.3	.2		.1												31	31	22	13			
58/ 57	.2	.3	.2	.2	.0	.1												24	24	26	25			
56/ 55	.2	.4	.2	.5	.1	.2												36	36	20	22			
54/ 53	.0	.6	.1	.1	.3													25	25	19	14			
52/ 51	.4	.8	.8	.3	.3	.2	.0											58	58	33	27			
50/ 49	.4	1.1	.7	.4	.3	.1	.0											65	65	47	39			
48/ 47	.2	.9	.5	.8	.4	.0												60	60	55	35			
46/ 45	1.1	1.1	.9	.7	.2	.1												85	85	71	49			
44/ 43	.5	1.1	1.2	.9	.1	.2												83	83	60	50			
42/ 41	.7	1.9	1.7	1.1	.3	.1												120	120	101	66			
40/ 39	1.2	1.9	1.7	.6	.3													116	116	107	66			
38/ 37	.6	2.7	2.2	.9	.0													130	130	109	89			
36/ 35	1.1	3.8	2.4	.6	.2													163	163	152	99			
34/ 33	.8	3.5	2.3	.5														144	144	157	128			
32/ 31	1.3	3.4	1.4	.3	.0													133	133	161	137			
30/ 29	.6	3.7	2.6	.4														149	150	155	148			
28/ 27	.8	3.4	2.0															125	126	146	127			
26/ 25	.6	3.4	1.7															115	115	125	121			
24/ 23	.2	2.1	.8															63	65	111	120			
22/ 21	.4	1.7	.7															57	57	77	96			
20/ 19		1.7	.3															40	40	46	89			
18/ 17	.1	1.8	.1															41	41	50	85			
16/ 15	.0	1.5	.1															35	35	45	71			
14/ 13	.1	1.0	.1															24	24	35	50			
12/ 11	.1	.6																15	15	23	60			
10/ 9	.1	.7																17	17	16	46			
8/ 7		.2																4	4	11	47			
6/ 5	.0	.2																5	5	2	21			
4/ 3	.1	.3																10	10	13	21			
Element (X)	ΣX <sup>2</sup>			ΣX		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								
Mean No. of Hours with Temperature																								
		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F												



## PSYCHROMETRIC SUMMARY

**FEB**

**MONTH**

**0000-0200**

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

44-45, 51-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
72/ 71				.1														3	3					
68/ 67				.0														1	1					
66/ 65			.0	.2														5	5	3				
64/ 63			.1		.0													3	3					
62/ 61		.6	.1	.1														18	18	3	3			
60/ 59	.3	.6		.0	.1													23	23	30	17			
58/ 57	.3	.5	.1	.0	.0	.0												22	22	19	30			
56/ 55	.2	.9	.4	.3	.2													42	42	22	12			
54/ 53	.1	1.0	.1	.2	.0													33	33	28	17			
52/ 51	.0	.9	.4	.1	.2	.0												37	37	31	32			
50/ 49	.4	.4	.5	.3	.1	.0												37	37	37	34			
48/ 47	.4	.6	.6	.7	.2													53	53	40	28			
46/ 45	.3	.8	.8	.8	.3	.1												78	78	44	38			
44/ 43	.6	1.3	1.2	.7	.3	.0												84	84	54	40			
42/ 41	1.3	1.5	1.1	.8														95	95	95	62			
40/ 39	1.0	2.5	1.3	.4	.2													111	112	106	68			
38/ 37	.9	3.0	2.0	.3	.0													125	125	109	80			
36/ 35	.9	3.2	2.3	.5	.1													143	144	154	98			
34/ 33	1.4	4.2	2.3	.4														169	169	133	120			
32/ 31	1.2	4.0	1.7	.4														147	147	169	147			
30/ 29	.9	4.3	1.4	.1														136	136	162	150			
28/ 27	.9	3.7	1.4	.1														125	125	148	123			
26/ 25	.7	4.6	1.2															132	132	125	145			
24/ 23	.4	3.1	.8															87	88	121	108			
22/ 21	.5	2.2	.1															58	58	92	107			
20/ 19	.1	1.6	.3															43	43	50	86			
18/ 17	.1	1.9	.0															42	42	46	98			
16/ 15	.1	1.9	.1															42	42	43	60			
14/ 13	.0	1.3	.1															30	30	40	48			
12/ 11	.1	1.1																26	26	36	60			
10/ 9	.3	.5																18	18	26	40			
8/ 7	.3	.3																13	13	12	37			
6/ 5		.6																12	12	8	44			
4/ 3	.2	.2																.9	.9	15	20			
Element (X)	Σ x <sup>2</sup>		Σ x		X	Σ x		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.										≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71  
USAFETAC

## PSYCHROMETRIC SUMMARY

**FEB**  
**MONTH**

PAGE 2      0300-0500  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

**YEARS**

**MONTH**

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

13806  
STATIC

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45, 51-72

**YEARS**

**FEB**  
**MONTH**

**PAGE 2**

**0600-0800**  
**HOURS (L. S. T.)**

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806

FORT CAMPBELL KY/CAMPBELL AAF

44-45, 51-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73								.0										1	1		
72/ 71					.0			.0										2	2		
70/ 69			.0			.0	.0											3	3		
68/ 67			.1	.3	.0		.0		.0									12	12		
66/ 65		.1	.4	.2	.2	.0		.1										21	21	2	
64/ 63		.2	.2	.2	.1	.3	.0	.1	.0									27	27	10	2
62/ 61		.3	.2	.2	.3	.1	.2											31	31	18	11
60/ 59		.5	.4	.2	.3	.4	.2	.1	.1									47	47	18	20
58/ 57	.2	.4	.4	.4	.4	.3	.1											49	49	30	18
56/ 55	.4	.5	.5	.4	.6	.8	.0	.2										73	73	43	26
54/ 53	.2	.3	.4	.3	.6	.3	.3	.0										57	57	38	32
52/ 51	.4	.5	.6	.4	.8	.6	.1											71	73	50	34
50/ 49	.3	.6	.6	.7	.9	.2	.1											73	73	67	36
48/ 47	.2	1.0	.5	1.2	1.1	.5	.2											99	99	56	44
46/ 45	.3	1.0	1.2	1.0	1.1	.4	.0											104	104	85	48
44/ 43	.9	1.2	1.5	1.7	.9	.2												132	132	99	61
42/ 41	.2	2.2	2.0	1.3	.7	.1												134	134	122	55
40/ 39	.6	2.0	2.2	1.8	.5	.1												148	148	159	81
38/ 37	.7	2.3	2.2	1.3	.5	.0												145	145	169	116
36/ 35	.4	1.9	2.9	1.0	.3													131	131	156	126
34/ 33	.7	2.7	2.5	1.3	.1													148	148	145	142
32/ 31	.4	1.8	2.0	1.0	.1													107	107	160	151
30/ 29	.3	1.7	1.8		.1													97	97	129	125
28/ 27	.2	1.3	1.2	.3														60	60	102	130
26/ 25	.1	.5	1.6	.3														51	51	79	111
24/ 23	.1	.5	1.2															39	39	56	111
22/ 21	.1	.5	.7	.0														28	28	56	92
20/ 19	.1	.8	.8															35	35	34	56
18/ 17	.1	.9	.3															27	27	39	61
16/ 15		.6	.2															16	16	28	52
14/ 13	.0	.5	.1															14	14	19	37
12/ 11		.3	.1															10	10	14	56
10/ 9	.1	.2																7	7	11	35
8/ 7	.0	.4																9	9	8	41
Element (X)	$\Sigma x^2$		$\Sigma x$		$\bar{x}$		$s_x$		No. Obs.		Mean No. of Hours with Temperature										Total
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

**YEARS**

**FEB**  
**MONTH**

0900-1100

HOURS (L, S, T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

44-45, 51-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
80/ 79											.0							1	1				
78/ 77										.0								1	1				
76/ 75						.0		.0	.2									6	6				
74/ 73								.0		.0	.1							4	4				
72/ 71			.1	.1	.4	.2	.0			.0	.0							21	21				
70/ 69				.1	.1	.3	.1	.2	.1	.0								22	22				
68/ 67			.0	.3	.1	.2	.2	.1	.3	.1								31	31	3	1		
66/ 65		.1	.1	.1	.1	.3	.6	.3	.1	.2								43	43	7	2		
64/ 63		.2	.3	.0	.0	.2	.6	.4	.3	.1								48	48	16	4		
62/ 61		.3	.3	.2	.4	.1	.7	.5	.3	.1								62	62	24	12		
60/ 59		.7	.3	.4	.4	.4	.5	.5	.4	.0								77	77	31	18		
58/ 57	.2	.6	.2	.2	.7	.7	.5	.5	.1									80	80	42	28		
56/ 55	.3	.4	.5	.2	.4	.7	.8	.6	.1									85	85	55	38		
54/ 53	.1	.7	.2	.7	.4	1.0	.9	.4										92	92	57	23		
52/ 51	.1	.4	.2	.9	.6	1.1	.8	.3										92	92	69	42		
50/ 49	.1	.6	.7	.9	1.2	1.1	.7	.1										111	111	77	35		
48/ 47	.3	.8	.4	.9	1.5	.9	.4	.0										106	106	92	50		
46/ 45	.6	.8	.7	1.0	1.1	1.2	.2											116	116	119	51		
44/ 43	.2	.9	1.1	1.4	1.1	.7	.2											114	114	113	62		
42/ 41	.5	1.5	1.6	1.4	1.3	.5	.1											143	143	162	77		
40/ 39	.5	2.0	1.1	1.1	1.0	.3	.0											124	124	170	86		
38/ 37	.3	1.3	2.0	1.8	.8	.2												129	129	156	107		
36/ 35	.2	1.6	1.3	.8	.7	.2												98	98	153	122		
34/ 33	.6	1.6	1.4	.8	.4													99	99	148	119		
32/ 31	.0	1.1	.9	1.3	.3													75	75	121	138		
30/ 29		.7	.8	.7	.1													49	49	84	140		
28/ 27	.1	.7	1.2	.5														53	53	74	105		
26/ 25	.1	.4	.8	.4														36	36	67	125		
24/ 23	.1	.1	.6	.1														19	19	55	111		
22/ 21		.3	1.1	.1														31	31	23	73		
20/ 19	.0	.2	.4															14	14	32	66		
18/ 17		.1	.2															6	6	27	70		
16/ 15		.2	.3															12	12	9	56		
14/ 13		.2	.0															5	5	10	49		
Element (X)	Σx²		Σx		X̄		σx		No. Obs.		Mean No. of Hours with Temperature										Total		
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total				
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71



## PSYCHROMETRIC SUMMARY

**FEB**  
**MONTH**

PAGE 2      1200-1400  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
11/71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72

FEB

STATION

STATION NAME

YEARS

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
80/ 79											.1							2	2					
78/ 77										.0	.0							2	2					
76/ 75							.0		.0	.1								4	4					
74/ 73								.1		.1								4	4					
72/ 71				.0	.2	.3	.1		.1	.1	.1							21	21					
70/ 69			.0	.3	.2	.1	.2	.2	.2	.1								28	28					
68/ 67		.0	.0	.1	.0	.1	.3	.4	.1	.1								27	27					
66/ 65		.0	.1	.5	.4	.3	.5	.4	.2	.1								55	55		5			
64/ 63		.1	.3	.1	.1	.2	.2	.5	.2	.3								47	47	16	4			
62/ 61		.2	.3	.1		.4	.6	.7	.4	.1								62	62	21	9			
60/ 59	.0	.5	.3	.2	.4	.3	.6	.7	.2	.1								72	72	34	16			
58/ 57	.3	.3	.4	.2	.5	.8	.5	.8	.3									86	86	50	28			
56/ 55	.2	.7	.2	.3	.5	.7	.7	.8	.1									85	85	48	40			
54/ 53	.1	.3	.7	.1	.3	.7	1.0	.4										78	78	57	31			
52/ 51	.1	.7	.3	.4	1.0	1.3	.7	.4										103	103	53	30			
50/ 49	.2	.8	.4	1.2	1.4	1.5	.7	.1										130	130	98	38			
48/ 47	.2	.9	.3	.8	.7	.9	.4											88	88	92	48			
46/ 45	.3	1.1	.5	.6	1.6	1.6	.6											130	130	117	57			
44/ 43	.2	1.3	.4	1.1	1.4	.6	.0											102	102	129	55			
42/ 41	.6	1.5	1.4	1.2	1.0	.5	.1											129	129	154	81			
40/ 39	.9	1.8	.8	1.6	1.3	.4	.1											141	141	158	106			
38/ 37	.7	1.3	1.4	1.6	1.2	.4												136	136	173	85			
36/ 35	.5	1.7	1.7	.5	.5	.2												104	104	153	124			
34/ 33	.3	1.4	1.5	1.0	.3	.0												92	92	143	104			
32/ 31	.1	.9	1.1	1.2	.3													74	74	136	138			
30/ 29	.0	.6	.8	.7														45	45	85	137			
28/ 27	.1	.6	1.1	.5														47	47	74	107			
26/ 25	.1	.7	.6	.2														34	34	61	134			
24/ 23	.0	.3	.9	.1														28	28	57	125			
22/ 21	.0	.1	.9	.2														27	27	19	71			
20/ 19		.1	.2															8	8	35	60			
18/ 17	.0		.1															4	4	19	75			
16/ 15		.2	.2															9	9	5	69			
14/ 13		.0	.2															6	6	11	45			
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
USAF ETAC JUN 71

## PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45, 51-72

Y=ARS

**FEB**  
**MONTH**

**PAGE 2**

1500-1700  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

FEB  
MONTH

PAGE 1

1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
76/ 75											.0							1	1						
72/ 71						.1				.0	.0							5	5						
70/ 69				.0		.1												4	4						
68/ 67	.0		.0	.3	.3	.1			.1									18	18	1	1				
66/ 65		.1	.2	.1	.1	.4	.1	.0										22	22						
64/ 63		.1	.0	.2	.1	.3		.1										20	20	6					
62/ 61		.3	.4	.2	.1	.4	.2			.0								36	36	18	6				
60/ 59		.4	.3	.0	.1	.5	.1	.1	.0									36	36	22	8				
58/ 57	.3	.3	.4	.1	.5	.3	.1	.1	.1									47	47	36	31				
56/ 55	.3	.5	.2	.2	.5	.5	.3											54	54	33	35				
54/ 53	.6	.7	.4	.3	.3	.9	.2	.0										72	72	48	26				
52/ 51	.2	.3	.9	.5	1.0	.2	.1											68	68	40	37				
50/ 49	.2	.5	.8	.5	.5	.5	.1											66	66	50	29				
48/ 47	.2	1.5	.9	1.0	1.9	.3	.2											121	121	82	26				
46/ 45	.2	.6	1.1	1.5	1.3	1.1	.1											120	120	72	56				
44/ 43	.3	1.4	1.3	1.5	.8	.1												111	111	101	55				
42/ 41	.6	2.1	1.0	1.4	.9	.5												133	133	114	83				
40/ 39	1.1	1.8	2.5	1.8	.7	.1												164	166	168	88				
38/ 37	.7	2.7	1.7	1.7	.6	.1												152	152	165	95				
36/ 35	.3	1.9	2.3	1.6	.6													138	138	174	120				
34/ 33	.3	2.1	2.1	.8	.2													112	112	133	113				
32/ 31	.4	2.0	2.2	1.2	.0													118	118	157	139				
30/ 29	.0	1.6	1.9	.9	.0													92	92	135	148				
28/ 27	.3	1.2	1.5	.4														70	70	105	113				
26/ 25	.3	.7	1.8	.3														64	64	92	131				
24/ 23		.7	1.2	.0														40	40	53	124				
22/ 21	.0	1.0	1.0	.0														42	42	67	83				
20/ 19		.3	1.0															27	27	43	59				
18/ 17	.2	.4	.3															20	20	29	63				
16/ 15		.2	.2															9	9	26	83				
14/ 13		.4																9	9	11	60				
12/ 11		.1	.0															4	4	10	47				
10/ 9		.3																7	7	4	36				
8/ 7	.0	.3																7	7	10	25				
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																									
Wet Bulb																									
Dew Point																									

## PSYCHROMETRIC SUMMARY

YEARS

**FEB**  
**MONTH**

1800-2000  
HOURS (L. S. T.)

USAFETAC FORM JUN 71 0-26-3 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

FEB  
MONTH

PAGE 1

2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
74/73							.0												1	1				
72/71									.0										1	1				
70/69				.0															2	2				
68/67				.4	.2	.0			.0										13	13				
66/65			.2	.2	.0	.1													12	12				
64/63		.1	.0	.0	.0	.0													7	7	3			
62/61	.0	.1	.1	.1	.1	.1													13	13	19			
60/59	.2	.3	.3	.1	.2	.1													27	27	19			
58/57	.2	.5	.3	.2	.2	.2	.1	.1											38	38	18			
56/55	.1	.4	.3	.5	.4	.4	.1												47	47	26			
54/53	.0	.8	.5	.3	.4	.4	.1												54	54	26			
52/51	.6	1.0	.4	.4	.6	.1													65	65	48			
50/49	.4	.7	.9	.5	.5	.0	.0												63	63	51			
48/47	.5	1.4	.5	.7	.6	.0													77	77	71			
46/45	.4	1.1	.6	1.1	.7	.4	.0												92	92	76			
44/43	.4	1.0	1.5	1.4	.6														100	100	71			
42/41	.5	1.9	1.1	1.1	.7	.2													113	113	78			
40/39	.9	1.9	1.8	1.9	.6														145	145	137			
38/37	1.2	2.4	2.4	1.8	.3														163	164	134			
36/35	.9	3.1	2.7	.7	.1														153	153	166			
34/33	.6	2.7	2.6	.6	.1														133	134	173			
32/31	.9	2.5	2.1	.9	.0														132	133	170			
30/29	.2	3.6	1.9	.4															126	126	120			
28/27	.5	2.0	2.0	.2															94	95	142			
26/25	.3	2.2	1.4	.0															81	82	102			
24/22	.1	1.7	1.6																69	69	94			
22/21	.1	1.2	1.4																55	55	63			
20/19	.0	1.4	.2																34	34	59			
18/17		1.3	.1																29	29	47			
16/15	.1	.6	.1																16	16	28			
14/13	.1	.5	.1																16	16	20			
12/11		.7																	14	14	18			
10/9	.1	.3																	9	9	10			
8/7		.3																	7	7	8			
Element (X)	Σx²		Σx		x̄		c <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAF ETAC FORM 0-26-3 (0-1-71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

**YEARS**

**FEB**  
**MONTH**

2100-2300  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USA: ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

MAR  
MONTH

PAGE 1

0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
76/ 75				.0		.0												2	2				
74/ 73				.1	.0	.0												4	4				
72/ 71				.0	.3	.1												9	9				
70/ 69			.1	.1	.3	.0			.1									15	15	1			
68/ 67			.3	.1	.0	.0		.1	.0									15	15	2			
66/ 65	.0	.3	.3	.3	.1		.3											28	28	7	4		
64/ 63	.0	.4	.3	.3	.2	.1	.1											31	31	26	7		
62/ 61	.0	.7	.5	.5	.3	.2	.2	.0										53	53	31	20		
60/ 59	.4	.5	.8	.4	.3	.0	.4	.0										62	63	38	41		
58/ 57	.2	.6	.8	.5	.6	.4	.2	.0										74	74	44	26		
56/ 55	.8	1.0	.6	1.1	.5	.3	.2	.1										103	103	67	65		
54/ 53	.2	.9	1.2	.3	.8	.4	.0											84	84	70	44		
52/ 51	.3	1.2	.5	.4	.4	.6	.1	.0										76	76	75	53		
50/ 49	.5	1.4	.5	.8	.5	.1	.2											91	91	99	66		
48/ 47	.1	.8	1.3	1.1	.5	.3												89	89	80	64		
46/ 45	.3	1.3	1.8	1.3	.6	.1												117	117	82	66		
44/ 43	.2	2.0	1.9	1.3	.5	.1	.1											136	136	109	68		
42/ 41	.7	1.4	2.3	1.5	.6	.2												149	149	145	78		
40/ 39	.6	1.9	2.3	1.8	.5													160	160	136	108		
38/ 37	.3	1.8	2.8	.9	.3													136	136	165	117		
36/ 35	.4	3.1	2.3	1.1	.1													157	157	152	136		
34/ 33	.2	2.0	2.8	.6														123	123	186	129		
32/ 31	.6	3.6	2.2	.3														148	148	136	133		
30/ 29	.3	2.4	2.5	.3														122	122	171	150		
28/ 27	.2	2.5	1.3	.1	.0													93	93	133	163		
26/ 25	.2	1.8	.9	.0														66	66	105	166		
24/ 23	.0	.6	.5															25	25	67	116		
22/ 21	.1	.4	.3															17	17	42	93		
20/ 19		.6																14	14	13	90		
18/ 17		.4	.0															9	9	17	70		
16/ 15		.2																4	4	11	52		
14/ 13		.0																1	1	3	29		
12/ 11		.1																2	2	1	11		
10/ 9		.0																1	1	2	13		
Element (X)	Σ X²		Σ X		X̄		sₓ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

**YEARS**

MAR  
MONTH

0000-0200  
HOURS (L. S. T.)

Temp. (°)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
8/ 7																					24		
6/ 5		.1																2	2		6		
4/ 3		.0																1	1	3	4		
2/ 1																					3		
-2/ -3																					2		
-4/ -5																					2		
TOTAL	6.7	33.8	31.2	15.3	7.5	3.0	1.8	.4	.2									2219	2220	2219	2219		

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806

FORT CAMPBELL KY/CAMPBELL AAF

44-45, 51-72

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
76/ 75				.0														1	1														
74/ 73				.0														1	1														
70/ 69				.3	.0	.1												10	10	1													
68/ 67			.2	.5	.3			.0	.0									25	25	1													
66/ 65		.2	.3	.2	.0	.2	.1											22	22	5	2												
64/ 63	.0	.1	.3	.2	.0	.1		.0										18	18	18	6												
62/ 61	.2	.2	.1	.3	.1	.2	.1	.0										28	28	24	12												
60/ 59	.1	.6	.7	.5	.4	.2	.2											60	60	29	27												
58/ 57	.3	1.2	.5	.4	.2	.2	.2											66	66	36	32												
56/ 55	.5	1.4	1.0	.3	.5	.2	.1	.1										92	92	70	59												
54/ 53	.3	1.4	.9	.5	.5	.2	.1	.0										88	88	66	51												
52/ 51	.4	.9	.9	.5	.6	.3	.1											79	79	79	47												
50/ 49	.6	1.4	.6	.5	.2	.1	.0											77	77	84	73												
48/ 47	.3	1.0	.8	1.0	.2	.2	.1	.0										82	82	74	67												
46/ 45	.4	1.5	1.2	1.2	.3	.1	.0											106	106	88	53												
44/ 43	.4	2.4	1.5	1.0	.4													128	128	96	68												
42/ 41	.4	1.3	2.3	1.4	.2	.1												125	125	120	92												
40/ 39	.4	2.6	1.9	1.2	.2													138	138	124	78												
38/ 37	.3	2.5	2.7	.7	.1													142	142	157	113												
36/ 35	.6	3.2	2.5	.7	.1													158	158	149	140												
34/ 33	.3	2.9	3.2	.7														156	156	162	118												
32/ 31	.6	3.7	1.9	.2														144	144	167	140												
30/ 29	.4	3.6	1.5	.3														130	130	166	153												
28/ 27	.2	3.6	1.6															119	119	160	145												
26/ 25	.1	2.6	.7	.1														78	78	118	179												
24/ 23	.0	1.5	.7															49	49	79	121												
22/ 21	.4	1.5	.3															49	49	54	110												
20/ 19	.2	.2	.2															12	13	42	80												
18/ 17	.0	.6																14	14	17	74												
16/ 15	.0	.4																10	10	16	58												
14/ 13	.0	.1																3	3	8	47												
12/ 11	.1	.0																4	4	4	16												
10/ 9		.0																1	1	1	15												
8/ 7	.1																	2	2	2	15												
Element (X)	Σ X <sup>2</sup>			Σ X			Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ												
Rel. Hum.																																	
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	
Mean No. of Hours with Temperature																																	
≤ 0 F    ≤ 32 F    ≤ 67 F    ≤ 73 F    ≤ 80 F    ≤ 93 F    Total																																	

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

MAR

MONTH

0300-0500

HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

44-45, 51-72

MAR

PAGE 1      0600-0800  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

**YEARS**

MAR  
MONTH

0600-0800

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
YEARS

MAR  
MONTH

PAGE 1

0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
84/ 83													.0					1	1					
82/ 81								.0										1	1					
80/ 79							.1			.0		.0						4	4					
78/ 77							.1		.0		.2	.0						8	8					
76/ 75				.1	.0		.0	.1	.2	.1	.1							15	15					
74/ 73			.1	.1	.2	.3	.3	.1	.0	.1		.0						27	27					
72/ 71			.0	.2	.3	.1	.1	.3	.1	.1	.0							32	32					
70/ 69			.3	.7	.3	.4	.4	.4	.2	.0	.2							61	61	4	1			
68/ 67		.1	.2	.3	.3	.3	.2	.3	.2	.2								46	46	11	3			
66/ 65		.2	.6	.5	.5	.4	.3	.3	.1	.1								68	68	23	5			
64/ 63	.0	.5	.5	.3	.4	.2	.3	.7	.4	.1								75	75	42	17			
62/ 61	.0	.7	.8	.4	.5	.5	.5	.5	.4	.1								99	99	51	41			
60/ 59	.2	.9	.7	.4	.8	.6	.5	.5	.3									107	107	79	48			
58/ 57	.1	.5	.3	.3	.4	.8	.4	.5	.1									75	75	84	53			
56/ 55	.1	.8	.8	.5	.9	.9	.7	.4	.1									112	112	78	45			
54/ 53	.4	.8	.8	.7	.7	.9	.5	.1										108	108	79	74			
52/ 51	.1	.9	.4	.7	1.1	1.0	.7	.1										111	111	105	52			
50/ 49	.2	.8	.9	.9	1.1	1.0	.4	.1										121	121	97	75			
48/ 47	.1	1.0	1.1	1.4	.9	.9	.3											127	127	125	65			
46/ 45	.4	1.0	.9	1.1	1.5	.7	.1											127	127	139	82			
44/ 43	.4	.6	1.3	1.8	1.0	.3	.2											123	123	155	81			
42/ 41	.3	.9	1.3	1.8	1.2	.6												136	136	147	92			
40/ 39	.4	.9	2.1	2.0	.8	.3												142	142	136	106			
38/ 37	.1	1.0	1.4	1.7	.9	.1												115	115	162	108			
36/ 35	.5	1.6	1.6	1.3	.5													123	123	165	129			
34/ 33	.1	1.2	1.2	.8	.4													81	81	137	106			
32/ 31	.1	.5	.8	.6	.0													46	46	139	155			
30/ 29	.1	1.0	.6	.5														51	51	93	165			
28/ 27	.0	.5	.7	.3														35	35	55	122			
26/ 25		.3	.3	.2														18	18	52	141			
24/ 23	.1	.2	.1	.0														10	10	30	112			
22/ 21	.0	.0	.0															3	3	13	80			
20/ 19		.1	.0															3	3	6	70			
18/ 17		.1	.1															5	5	4	44			
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ X		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

9427-34321  
ECRMA JUN 71  
USAFETAC  
0-26-3 (OL A)  
PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

MAR  
MONTH

PAGE 2 0900-1300  
HOURS (L. S. T.)

[illegible]

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

44-45,51-72

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
86/ 85										.0			.1		.0			4	4					
84/ 83								.1	.1		.1		.0	.0				8	8					
82/ 81							.0	.1		.1	.1	.1	.1		.0			12	12					
80/ 79						.0	.0	.1	.0	.3	.1	.2	.0	.0		.0		20	20					
78/ 77					.1	.0	.1	.1	.3	.1	.2	.3	.1	.0				31	31					
76/ 75				.0	.0	.2	.2	.3	.4	.3	.1	.1						37	37					
74/ 73				.0	.3	.5	.3	.6	.3	.0	.2	.4						58	58					
72/ 71				.1	.4	.3	.4	.3	.5	.3	.1	.2						56	56	2				
70/ 69		.0	.3	.5	.3	.6	.3	.4	.2	.2	.2	.0						69	69	5				
68/ 67		.1	.3	.3	.2	.5	.4	.3	.8	.3	.3	.0						80	80	12	2			
66/ 65	.0	.4	.4	.3	.3	.3	.5	.6	.8	.6	.4							101	101	46	7			
64/ 63	.0	.2	.5	.5	.3	.5	.9	.8	.8	.6	.1							116	116	55	25			
62/ 61	.1	.7	.3	.4	.4	.6	.5	.6	.9	.1								102	102	63	40			
60/ 59	.1	.5	.4	.5	.2	.5	.5	1.1	.6	.3								103	103	95	49			
58/ 57	.1	.8	.6	.4	.3	.6	1.0	.7	.3									107	107	93	49			
56/ 55	.2	.7	.9	.3	.7	1.1	.9	1.1	.3									136	136	91	45			
54/ 53	.0	.5	.4	.5	.8	.9	1.0	.5	.1									108	108	104	66			
52/ 51		.5	.6	.5	1.3	1.2	.9	.5										122	122	125	78			
50/ 49		.8	.7	.5	.9	1.8	.5	.3	.0									121	121	107	68			
48/ 47		.8	1.0	.5	.7	.9	.5	.1										100	100	154	72			
46/ 45	.3	.7	.8	.9	.9	1.4	.5											126	126	189	74			
44/ 43	.2	.5	.8	1.3	.9	.6	.2											101	101	136	80			
42/ 41	.3	.6	1.1	1.8	1.0	.5	.0											118	118	151	92			
40/ 39		.9	1.3	1.0	1.0	.5												105	105	151	98			
38/ 37	.1	.7	1.1	.9	.8	.2												85	85	149	99			
36/ 35	.3	1.1	1.1	.5	.6													80	80	160	127			
34/ 33	.1	.5	.2	.6	.1													36	36	104	137			
32/ 31	.1	.5	.5	.3	.1													31	31	85	140			
30/ 29	.0	.7	.3	.1	.0													27	27	64	148			
28/ 27		.3	.1															8	8	46	137			
26/ 25		.1	.0	.1														6	6	18	132			
24/ 23		.0		.0														2	2	7	87			
22/ 21		.1	.1															6	6	3	97			
20/ 19																			5		68			
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477-54321



## PSYCHROMETRIC SUMMARY

MAR  
MONTH[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72 MAR  
STATION STATION NAME YEARS MONTH  
PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
86/ 85									.0	.0	.0	.0		.0	.1			5	5						
84/ 83								.0	.0			.0		.0	.0			5	5						
82/ 81							.0	.0	.1	.1	.0	.0	.2	.0				13	13						
80/ 79						.0	.1	.1	.1	.3	.1	.2	.2					28	28						
78/ 77						.0	.1		.2	.2	.3	.2		.1				26	26						
76/ 75					.1	.4	.0	.3	.5	.2	.1	.3	.0					42	42						
74/ 73				.2	.3	.5	.2	.5	.5	.3	.3	.3	.0					67	67						
72/ 71				.3	.4	.3	.4	.2	.2	.2	.3	.2						55	55	2					
70/ 69		.1	.2	.1	.2	.4	.5	.4	.2	.9	.4	.0						77	77	1					
68/ 67		.2	.1	.5	.4	.4	.6	.3	.6	.5	.5	.1						89	89	20	2				
66/ 65		.1	.5	.4	.1	.6	.4	.5	.5	.6	.2	.1						88	88	38	9				
64/ 63	.0	.1	.5	.4	.5	.5	.5	.7	.8	.4								98	98	38	18				
62/ 61	.1	.2	.3	.4	.3	.5	.8	.9	.8	.5								103	103	70	23				
60/ 59	.2	.6	.5	.3	.4	.6	.8	1.3	.9	.1								130	130	88	51				
58/ 57	.1	.5	.7	.4	.4	.5	1.1	1.5	.6	.0								127	127	100	49				
56/ 55	.1	.6	.7	.2	.5	.9	1.1	1.0	.5									126	126	96	51				
54/ 53		.7	.3	.5	.7	1.0	.5	.9	.1									103	103	109	52				
52/ 51	.0	.4	.2	.5	.6	.9	1.8	.4	.1									109	109	124	68				
50/ 49		1.1	1.0	.7	.6	1.1	1.0	.1										127	127	102	85				
48/ 47	.1	1.0	.9	.6	.7	1.0	.6	.2										112	112	163	71				
46/ 45	.2	.8	.8	1.0	1.0	1.2	.4											119	119	199	88				
44/ 43	.1	.5	.8	1.6	.8	.7	.0											101	101	153	72				
42/ 41		.8	1.2	1.9	1.3	.9												134	134	143	77				
40/ 39	.2	.7	.5	.9	1.1	.8												91	91	150	111				
38/ 37	.1	.8	1.0	.7	.7	.2												80	80	164	102				
36/ 35	.2	1.2	.8	.3	.3	.1												63	63	143	124				
34/ 33	.2	.8	.4	.3	.0	.0												38	38	115	136				
32/ 31	.2	.5	.3	.1	.0													28	28	95	146				
30/ 29	.1	.2	.4	.1														19	19	52	151				
28/ 27		.2		.0														5	5	24	134				
26/ 25			.1	.0														4	4	17	117				
24/ 23			.2															4	4	1	105				
22/ 21		.1	.0															3	3	7	109				
20/ 19																				5	73				
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature												Total		
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

MAR  
MONTH

1500-1700  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

13806	FORT CAMPBELL KY/CAMPBELL AAF
STATION	STATION NAME

44-45, 51-72

MAR

PAGE 1

**1800-2000**  
**HOURS (L. S. T.)**

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																										TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point										
82/ 81								.0						.0				1	1											
80/ 79								.0										1	1											
78/ 77					.0			.1		.1				.0				6	6											
76/ 75						.1			.0	.1		.1						7	7											
74/ 73				.1		.1	.0	.1	.0		.1							11	11											
72/ 71				.1	.3	.1	.0	.3	.1	.0		.0						23	23											
70/ 69			.2	.1	.6	.2	.3	.5	.4	.1	.0							53	53	2										
68/ 67		.3	.2	.4	.5	.6	.4	.3	.2	.2	.0							67	67	3										
66/ 65	.0	.2	.5	.6	.4	.4	.5	.3	.4	.1	.0							78	78	18	7									
64/ 63	.0	.3	.4	.6	.6	.5	.3	.4	.1									72	72	29	12									
62/ 61	.2	.4	.5	.6	.4	.4	.3	.5	.1	.2								77	77	50	20									
60/ 59	.0	.6	.7	.3	.3	.7	.8	.5	.3									92	92	58	36									
58/ 57	.3	.6	.5	.5	.7	.8	.8	.5	.0									101	101	85	60									
56/ 55	.2	.9	.5	.4	.6	.6	.9	.7	.0									108	108	96	45									
54/ 53	.2	1.1	.7	.6	.8	.9	.9	.3	.1									123	123	87	62									
52/ 51		1.0	.8	.9	1.1	1.3	.8	.1										133	133	89	65									
50/ 49	.1	.9	.9	1.7	1.3	1.0	.4											140	140	110	71									
48/ 47	.2	.9	1.0	1.3	1.4	1.1	.2											132	132	123	79									
46/ 45	.5	1.4	1.4	1.3	1.0	.8	.1	.0										146	146	150	70									
44/ 43	.0	1.0	1.3	1.3	1.0	.4	.2											113	133	179	88									
42/ 41	.3	.9	1.3	1.3	1.2	.4												119	119	162	99									
40/ 39	.1	.9	1.6	2.2	.9	.3												133	133	162	117									
38/ 37	.0	.9	1.8	1.8	.9	.1												125	125	133	122									
36/ 35	.2	1.5	1.7	1.3	.6													118	118	150	122									
34/ 33	.4	1.2	1.1	1.3	.1													90	90	159	127									
32/ 31	.3	1.0	.9	.3	.1													58	58	126	149									
30/ 29	.1	.5	.9	.4	.0													43	43	109	154									
28/ 27	.1	.5	.4	.0														24	24	64	130									
26/ 25		.1	.2	.1														10	10	39	133									
24/ 23		.1	.2															6	6	15	104									
22/ 21			.1																											

## PSYCHROMETRIC SUMMARY

MAR  
MONTH

PAGE 2      1800-2000  
HOURS (L. S. T.)

USAFETAC 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
FORM JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806

FORT CAMPBELL KY/CAMPBELL AAF

44-45,51-72

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
76/ 73				.1	.0													1	1					
74/ 73				.1	.0	.0												4	4					
72/ 71		.1		.3	.0	.0												11	11					
70/ 69		.0	.1	.2	.1				.1	.1								18	18	2	1			
68/ 67		.1	.2	.3	.1	.4	.0	.0										24	24	4	1			
66/ 65	.0	.5	.0	.6	.3	.4	.1	.0	.1									45	45	11	5			
64/ 63	.0	.4	.6	.5	.5	.4	.4	.3										65	65	26	14			
62/ 61	.2	.4	.4	.5	.4	.2	.2		.1									54	54	27	21			
60/ 59	.2	.5	.8	.4	.5	.4	.4	.3										76	76	45	27			
58/ 57	.3	.7	.6	.8	.4	.5	.7	.0										87	87	68	36			
56/ 55	.6	1.0	1.0	.9	1.0	.5	.2	.0										117	117	63	67			
54/ 53	.2	.9	1.0	.5	.5	.7	.2	.1										90	90	84	36			
52/ 51	.2	1.2	.9	.8	.7	.6	.6	.0										111	111	92	71			
50/ 49	.2	.7	.8	1.1	1.0	.7	.3											106	106	102	76			
48/ 47	.1	.8	1.4	1.5	1.1	.4	.1											121	121	96	65			
46/ 45	.3	1.3	1.7	1.4	1.3	.3	.0											138	138	104	62			
44/ 43	.6	1.3	1.5	1.5	.8	.3												133	133	135	88			
42/ 41	.5	1.8	2.0	2.1	.5	.0	.0											156	156	160	107			
40/ 39	.3	.9	2.1	2.0	.7	.1												135	135	156	94			
38/ 37	.4	1.7	2.0	1.6	.7													142	142	173	104			
36/ 35	.0	1.7	3.1	1.2	.2	.0												140	140	140	149			
34/ 33	.3	1.7	2.9	1.1	.0													134	134	171	138			
32/ 31	.5	1.5	1.7	.8	.0													100	100	155	144			
30/ 29	.1	1.4	1.9	.5														89	89	137	139			
28/ 27	.4	.9	1.2	.1	.0													59	59	100	168			
26/ 25	.1	.3	.5	.2														25	25	79	142			
24/ 23	.0	.1	.5															14	14	37	104			
22/ 21		.2	.2															8	8	20	85			
20/ 19	.0	.1	.1															6	6	17	91			
18/ 17		.1																3	3	5	53			
16/ 15		.1																2	2	4	48			
14/ 13		.0																1	1	2	23			
12/ 11																					18			
10/ 9		.0																1	1		12			
Element (X)	Σx²		Σx		X	σ <sub>x</sub>	No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

## PSYCHROMETRIC SUMMARY

MAR  
MONTH

2100-2300  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806

FORT CAMPBELL KY/CAMPBELL AAF

44-45,50-72

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
80/ 79								.0										1	1								
78/ 77					.1													2	2								
76/ 75					.0	.0												2	2								
74/ 73				.1	.2	.3	.2											19	19								
72/ 71			.1	.3	.6	.4	.2	.0	.0									37	37	1							
70/ 69			.7	1.2	.6	.2	.0	.1										62	62	1							
68/ 67		.3	.6	1.2	1.0	.8	.2	.1										93	93	10	1						
66/ 65		.4	1.6	1.2	.4	.5	.1	.1	.0									94	94	39	5						
64/ 63	.2	1.1	1.1	1.0	.6	.9	.4	.1										119	119	88	45						
62/ 61	.6	1.9	1.9	1.0	1.2	.6	.4	.1										166	166	127	75						
60/ 59	.3	1.4	1.3	1.4	1.0	.6	.3	.1										138	138	125	107						
58/ 57	.6	1.5	1.2	1.3	.6	.6	.2	.0										134	134	147	121						
56/ 55	.1	1.0	1.5	.6	.7	.6	.1											100	100	118	119						
54/ 53	.1	1.7	1.5	1.1	1.1	.5												129	129	134	94						
52/ 51	.1	1.2	1.6	1.0	1.1	.3												113	113	131	85						
50/ 49	.2	1.7	1.5	1.7	1.0	.5												143	143	126	136						
48/ 47	.2	1.2	1.8	2.1	.6	.0												128	128	127	131						
46/ 45		1.3	2.3	1.8	.6													128	128	134	90						
44/ 43	.0	2.0	2.2	1.2	.4	.2												131	131	147	113						
42/ 41	.1	1.8	2.3	1.1	.3													121	121	170	119						
40/ 39	.2	1.8	1.6	1.2	.1													104	104	135	139						
38/ 37	.1	1.5	1.2	.5														71	71	131	141						
36/ 35	.4	1.1	.9	.5														60	60	105	167						
34/ 33		.6	.7															27	27	73	118						
32/ 31		.9	.5	.0														32	32	47	103						
30/ 29	.0		.2															5	5	33	76						
28/ 27		.0	.0															2	2	6	73						
26/ 25		.0																1	1	7	41						
24/ 23																					36						
22/ 21																					20						
20/ 19																					2						
18/ 17																					4						
14/ 13																					1						
Element (X)	Σ X <sup>2</sup>				Σ X				X̄				Σ x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321



## PSYCHROMETRIC SUMMARY

APR

**MONTH**

PAGE 2      0000-0200  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806

FORT CAMPBELL KY/CAMPDELL AAF

44-45,50-72

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
78/ 77					.1													2	2						
76/ 75				.0														1	1						
74/ 73				.2	.0	.0	.1											8	8						
72/ 71			.1	.7	.4	.4	.1											37	37	2					
70/ 69		.0	.1	.4	.6	.4												31	31	1	1				
68/ 67		.3	1.2	1.0	.6	.2	.1	.1										76	76	10	2				
66/ 65	.1	.2	1.4	1.1	.6	.4	.0	.1										84	84	28	9				
64/ 63	.1	.6	1.8	.7	.6	.5	.2											98	98	62	35				
62/ 61	.4	2.0	1.7	.6	.6	.1	.1	.0	.0									123	123	103	58				
60/ 59	.4	2.9	1.3	.9	.5	.4	.1	.0										141	141	150	103				
58/ 57	.6	1.4	1.3	1.1	.6	.3	.2	.1										120	120	135	124				
56/ 55	.3	1.4	1.9	1.1	.7	.4	.1											126	126	104	134				
54/ 53	.4	1.5	1.5	1.2	.6	.1												115	115	110	88				
52/ 51	.3	1.6	1.6	1.3	.6	.0	.0											122	122	136	87				
50/ 49	.4	1.3	2.3	1.0	.7	.2												126	126	119	117				
48/ 47	.4	1.3	1.8	1.9	.6	.1												131	131	128	116				
46/ 45	.0	2.1	2.4	1.3	.2													129	129	131	96				
44/ 43		1.3	2.2	.7	.4	.1												104	104	124	107				
42/ 41	.2	2.4	2.5	1.0	.1	.0												132	132	144	128				
40/ 39	.5	3.1	1.8	.9	.1													139	139	157	126				
38/ 37	.4	1.4	2.1	.4														93	93	141	128				
36/ 35	.6	2.3	1.2	.4														97	97	123	176				
34/ 33	.0	1.3	1.2															55	55	96	132				
32/ 31	.1	.9	.4															32	32	71	87				
30/ 29	.1	1.0	.0															25	25	52	95				
28/ 27		.3	.0															8	8	22	84				
26/ 25		.2																5	5	5	56				
24/ 23																				6	31				
22/ 21																					28				
20/ 19																					6				
18/ 17																					3				
16/ 15																					2				
8/ 7																					1				
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

APR

YEAR:

**MONTH**

PAGE 2 0300-0500

0300-0500

0900-0900  
HOURS (L.S.T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

44-45, 50-72

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
80/ 79				.0			.0											1	1					
78/ 77				.1			.0	.0										2	2					
76/ 75				.2	.3	.1	.0											13	13					
74/ 73			.0	.3	.3	.3	.1											22	22					
72/ 71			.6	1.0	.8	.4	.2											64	64	1				
70/ 69			.7	.9	.6	.5	.4	.1	.0	.0								73	73	6	1			
68/ 67		.2	1.3	1.2	.7	.5	.2	.3										95	96	35	6			
66/ 65	.0	.6	1.6	.8	.8	.5	.5	.0	.0									106	106	58	27			
64/ 63		1.0	1.9	.9	.7	.4	.5	.1										119	119	96	53			
62/ 61	.2	2.3	1.6	.8	.9	.5	.1	.1										140	140	124	86			
60/ 59	.5	2.0	1.1	1.2	.7	.6	.2	.0	.0									141	141	144	121			
58/ 57	.2	1.3	1.0	1.4	.9	.7	.3											126	126	128	135			
56/ 55	.5	1.1	1.8	1.0	1.2	.8	.0	.0										138	138	121	109			
54/ 53	.3	1.1	1.6	1.5	1.5	.3	.1											138	138	123	97			
52/ 51	.1	.8	1.6	1.2	1.2	.2	.1											117	117	135	93			
50/ 49	.3	1.3	2.3	1.7	1.2	.2												152	152	128	105			
48/ 47	.1	.8	1.8	1.4	1.0	.0	.0											113	113	150	113			
46/ 45	.2	1.8	2.1	1.3	.3	.0	.0											126	126	156	106			
44/ 43	.0	1.1	2.5	1.1	.7	.1												119	120	140	119			
42/ 41	.1	1.4	1.9	1.2	.1													102	102	139	132			
40/ 39	.2	1.2	1.5	.6	.1													81	81	128	143			
38/ 37	.2	1.1	1.3	.6														69	69	109	134			
36/ 35	.0	.9	.7	.2														40	40	97	129			
34/ 33	.0	1.0	.6															37	37	59	124			
32/ 31		.2	.3	.0														12	12	43	98			
30/ 29		.2	.0	.0														6	6	24	70			
28/ 27		.2	.0															6	6	7	55			
26/ 25		.0																1	1	8	52			
24/ 23																				1	20			
22/ 21																					21			
20/ 19																					4			
18/ 17																					2			
14/ 13																					3			
12/ 11																					2			
Element (X)	Σ X²			Σ X			X̄			s <sub>x</sub>			No. Obs.			Mean No. of Hours with Temperature								
Rel. Hum.																≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

## PSYCHROMETRIC SUMMARY

APR  
MONTH

PAGE 2 0600-0800  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
11-71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806

FORT CAMPBELL KY/CAMPBELL AAF

44-45, 50-72

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
86/ 85										.0								1	1					
84/ 83								.1	.1	.1	.0	.0	.1					12	12					
82/ 81						.0	.3	.4	.0	.1		.0						20	20					
80/ 79					.1	.1	.8	.5	.8	.2	.1	.0	.0					59	59					
78/ 77					.3	.9	.9	.6	.4	.6	.1	.1						86	86					
76/ 75				.4	.8	1.2	.5	.7	.7	.4	.2	.1						109	109					
74/ 73			.1	.7	.9	1.1	.6	.7	.6	.5	.1	.0						116	116					
72/ 71			.2	.7	1.0	.8	.6	.9	.4	.3	.2	.0						115	115	9				
70/ 69		.0	.3	1.7	.8	.6	.7	.8	.7	.1	.2							129	129	46	2			
68/ 67		.2	1.0	1.1	.8	.9	.9	.9	.3	.3								139	139	85	17			
66/ 65		.5	1.1	1.1	.8	.4	.9	1.0	.6	.3								144	144	134	40			
64/ 63	.0	.8	1.0	1.1	.6	.6	1.0	.6	.4	.3								137	137	145	76			
62/ 61	.1	.9	.9	.4	1.0	1.1	1.2	.7	.4									144	144	136	126			
60/ 59	.1	1.0	.6	.9	1.1	1.1	1.1	1.0	.1									149	149	177	138			
58/ 57	.2	.3	.5	.6	1.3	.8	.6	.4	.0									102	102	158	123			
56/ 55	.1	.6	.6	1.0	1.3	1.3	1.2	.2										135	135	107	109			
54/ 53	.3	.3	.6	1.0	1.1	.9	.6											105	105	156	94			
52/ 51	.1	.4	.2	.6	1.0	.8	.5											78	78	138	93			
50/ 49	.0	.6	.3	.6	1.3	.8	.4											88	89	173	104			
48/ 47	.2	.4	.5	.9	.6	.7	.0	.0										72	73	133	121			
46/ 45	.0	.7	.6	.6	.9	.4												72	73	128	90			
44/ 43	.0	.5	.9	.6	.7	.0												62	62	121	144			
42/ 41	.0	.3	.3	.6	.2													33	33	91	125			
40/ 39	.1	.0	.5	.5	.3													30	30	80	114			
38/ 37	.0	.2	.0	.2														11	11	59	96			
36/ 35			.0	.2														5	5	48	99			
34/ 33	.1		.1															4	4	21	98			
32/ 31																				8	93			
30/ 29																				4	70			
28/ 27		.0																1	1		57			
26/ 25																				1	51			
24/ 23																					37			
22/ 21																					21			
20/ 19																					13			
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma^2$		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

YEARS

APR  
MONTH

0900-1100  
FOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

44-45, 50-72

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
88/ 87										.1	.1	.1	.0					8	8					
86/ 85					.0			.0	.4	.4	.2	.2	.0	.1				32	32					
84/ 83					.0			.6	.8	.9	.4	.2	.2					67	67					
82/ 81					.0	.2	.5	.6	.9	.6	.8	.4	.3	.1				97	97					
80/ 79					.0	.7	.8	.9	.7	1.1	1.0	.7	.1	.0				134	134	1				
78/ 77					.3	.8	.8	.5	1.1	.9	.6	.8	.1					129	129		1			
76/ 75				.1	.5	1.0	.7	.9	1.1	.5	.6	.4	.1					128	128	1				
74/ 73				.4	.9	1.2	.7	.6	.6	.6	.3	.4						122	122	1				
72/ 71			.0	.2	1.0	.6	.5	.6	.9	1.0	.3	.1						118	118	12	2			
70/ 69		.1	.5	1.0	.8	.5	.7	1.2	1.1	.3	.6							147	147	72				
68/ 67		.1	.6	.7	.5	.3	.9	1.2	.6	1.1	.2							134	134	112	13			
66/ 65	.0	.3	.9	.4	.6	.5	.7	.8	.9	.4	.1							122	122	156	36			
64/ 63		.5	.3	.7	.4	1.2	.9	.5	.8	.5								126	126	159	78			
62/ 61		.6	.8	.4	.4	.8	.9	.8	.8	.0								121	121	178	111			
60/ 59	.1	.6	.5	.4	.6	.8	1.1	1.3	.4		.0							127	127	155	131			
58/ 57	.1	.5	.3	.2	.5	.9	1.2	.5	.1	.0								94	94	156	130			
56/ 55	.2	.5	.3	.2	.7	1.0	.6	.3	.0									84	84	164	110			
54/ 53	.0	.4	.3	.1	.3	.9	.8	.3										68	70	159	108			
52/ 51	.0	.6	.0	.3	.7	.6	.7											63	63	145	103			
50/ 49	.1	.4	.6	.4	.8	.6	.4											74	74	129	106			
48/ 47		.2	.6	.3	.3	.4	.2											46	46	127	102			
46/ 45	.2	.3	.8	.4	.6	.3												54	54	127	96			
44/ 43	.0	.4	.3	.4	.2	.2												33	33	95	132			
42/ 41		.1	.1	.2	.2	.0												15	15	78	121			
40/ 39			.0	.0														2	2	58	119			
38/ 37	.0	.2	.0	.1														9	9	39	104			
36/ 35			.1															2	2	21	88			
34/ 33	.1																	3	3	8	110			
32/ 31																				6	78			
30/ 29																					83			
28/ 27																					48			
26/ 25																					52			
24/ 23																					45			
22/ 21																					30			
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								



## PSYCHROMETRIC SUMMARY

**YEARS**

APR  
MONTH

1200-1400  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,50-72  
YEARS

APR  
MONTH

PAGE 1

1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
88/ 87					.0					.1	.1	.3	.1					14	14						
86/ 85									.3	.2	.3	.1	.2					28	28						
84/ 83							.0	.6	.6	.7	.5	.4	.2	.1				68	68						
82/ 81						.1	.4	.9	.9	.5	.7	.8	.2	.3				104	104						
80/ 79					.1	.6	.9	1.0	.8	.9	1.3	.5	.2	.0				135	135	1					
78/ 77				.0	.3	.6	.5	.8	.9	.9	.9	.4	.1	.0				119	119		1				
76/ 75					.4	1.0	1.6	1.0	.8	.8	.8	.3	.1					148	148						
74/ 73			.1	.3	.6	.7	.4	.8	.3	1.2	.4	.2						106	106	1					
72/ 71			.2	.5	.5	.7	.7	.9	.9	1.0	.6	.3						136	136	12					
70/ 69			.5	.9	.6	.6	.6	.6	1.3	.8	.1	.1						131	131	60	1				
68/ 67		.2	.6	.5	.6	.6	.7	1.0	1.1	1.1	.2							142	142	108	9				
66/ 65	.0	.3	.4	1.0	.3	.6	.8	1.1	.9	.5	.0	.0						130	130	145	35				
64/ 63		.7	.3	.6	.1	.5	1.1	1.2	1.0	.6								131	131	150	75				
62/ 61	.1	.6	.6	.8	.6	.9	.6	1.0	.6	.4	.1							137	137	179	105				
60/ 59	.2	.5	.5	.2	.6	.9	.9	1.1	.3	.1								112	112	190	109				
58/ 57	.2	.4	.6	.1	.4	.6	.9	.7	.2									89	89	152	123				
56/ 55	.0	.6	.4	.0	.6	.7	.8	.4	.0									77	77	153	102				
54/ 53		.5	.6	.3	.6	.5	.9	.3										78	78	161	118				
52/ 51		.6	.3	.5	.4	.6	.5	.0										63	63	166	108				
50/ 49		.4	.7	.5	.4	.3	.4											58	59	139	102				
48/ 47	.0	.6	.5	.2	.4	.5	.3											53	53	134	109				
46/ 45		.5	.6	.2	.6	.2												46	46	134	97				
44/ 43	.0	.1	.2	.4	.1	.1												21	21	90	134				
42/ 41		.2	.2	.1	.1	.0												14	14	64	132				
40/ 39		.0	.2															6	6	48	116				
38/ 37		.3		.1														9	9	44	136				
36/ 35		.1	.1															5	5	17	83				
34/ 33	.0																	1	1	7	101				
32/ 31																					97				
30/ 29																					64				
28/ 27																					49				
26/ 25		.0																1	1		54				
24/ 23																				1	38				
22/ 21																					33				
Element (X)	Σ X <sup>2</sup>		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F		≤ 32 F		< 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

**YEARS**

APR  
MONTH

1500-1700  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

44-45,50-72

APP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
84/ 83										.0	.0							2	2					
82/ 81							.1	.1	.1	.2	.1	.0	.0					17	17					
80/ 79						.0	.4	.4	.2	.2	.1	.0						29	29					
78/ 77					.2	.3	.7	.3	.3	.2	.1	.0	.0					55	55					
76/ 75					.3	.8	.7	.7	.4	.4	.1	.1						80	80					
74/ 73				.4	.8	1.0	.8	.5	.6	.9	.1							111	111					
72/ 71			.2	1.0	1.2	.7	.7	.7	.4	.2	.2							118	118					
70/ 69		.1	.6	1.0	.8	.4	1.0	1.1	.8	.0	.1							129	129	18				
68/ 67		.2	.7	1.0	1.0	.9	.9	.9	.4	.1	.0							136	136	51	5			
66/ 65		.6	1.4	.6	.7	.8	1.3	1.0	.5	.0								151	151	123	26			
64/ 63	.0	.8	1.0	.8	.6	.9	.9	.8	.2	.1								133	133	137	63			
62/ 61	.2	.8	.8	.8	.9	1.2	.9	.7	.3	.0								143	143	150	101			
60/ 59	.1	1.1	.6	.7	1.0	1.3	1.3	.6	.2	.1								151	151	133	121			
58/ 57	.3	1.0	.8	.9	1.3	1.5	.9	.6	.1	.1								162	162	168	122			
56/ 55		.6	.6	.7	1.2	1.6	.9	.2										125	125	152	109			
54/ 53	.1	.6	.3	1.0	1.3	.9	.6	.1										109	109	155	99			
52/ 51	.0	1.0	.6	.8	.9	.9	.2	.0										96	96	156	101			
50/ 49	.0	.4	1.0	1.1	.8	.7	.2											92	92	146	113			
48/ 47	.1	.4	.9	1.1	.9	.2	.1											81	81	161	92			
46/ 45	.1	.7	.8	1.1	.8	.3												84	84	155	126			
44/ 43		.5	.5	.8	.5	.0												48	48	126	145			
42/ 41	.1	.4	.4	.8	.2													41	41	111	131			
40/ 39	.1	.5	.4	.4	.1													32	32	82	145			
38/ 37	.0		.2	.2	.1													12	12	53	141			
36/ 35		.4	.2	.1														17	17	46	110			
34/ 33		.1	.0															3	3	21	81			
32/ 31			.0															1	1	7	95			
30/ 29																				6	74			
28/ 27																				1	58			
26/ 25																					42			
24/ 23																					18			
22/ 21																					25			
20/ 19																					5			
18/ 17																					5			
Element (X)	Σ X <sup>2</sup>			Σ X			X̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

## PSYCHROMETRIC SUMMARY

\_\_\_\_\_  
YEARS

\_\_\_\_\_  
APR  
MONTH

PAGE 2 1800-2000  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

44-45,50-72

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.E.W.B.	Dry Bulb	Wet Bulb	Dew Point				
82/ 81								.1										2	2						
80/ 79							.1	.0										3	3						
78/ 77						.1	.0	.1										5	5						
76/ 75					.1	.3	.2		.0									14	14						
74/ 73				.1	.5	.6	.4	.2										36	36						
72/ 71			.2	.8	1.0	.6	.4	.1										69	69						
70/ 69			.8	1.2	1.2	.6	.4	.4	.1	.1								104	104	2					
68/ 67		.1	1.3	1.5	.9	.9	.9	.3	.2									135	135	24	1				
66/ 65	.1	.6	1.6	.8	.5	1.2	.9	.2	.0									130	130	79	10				
64/ 63	.1	1.4	1.2	.8	.9	1.2	.4	.3										136	136	114	70				
62/ 61	.3	1.4	1.6	1.3	1.0	.8	.5	.1										151	151	137	88				
60/ 59	.1	1.4	1.2	.9	.9	1.1	.5	.3	.0									141	141	134	127				
58/ 57	.6	.8	1.2	.8	1.2	.9	.2	.1										125	125	138	118				
56/ 55	.1	.6	1.2	1.2	1.7	.9	.3	.2	.0									134	134	165	110				
54/ 53	.0	1.2	1.2	1.5	1.2	.7	.2											135	135	115	98				
52/ 51	.2	.8	1.0	1.8	1.6	.5	.1											133	133	133	93				
50/ 49	.0	1.1	1.3	1.9	1.6	.6	.0											142	142	145	139				
48/ 47	.0	.5	1.8	1.7	.9	.1	.1											111	111	142	99				
46/ 45		1.4	1.6	1.9	.7	.0												122	122	139	106				
44/ 43	.0	1.2	1.3	1.6	.6	.0												103	103	174	111				
42/ 41	.2	.8	1.1	.6	.2													65	65	151	159				
40/ 39	.0	1.0	1.0	.7	.1													63	63	126	127				
38/ 37		.7	1.1	.5	.0													51	51	77	130				
36/ 35	.2	.5	.6	.1														28	28	71	158				
34/ 33		.4	.3	.1														17	17	53	101				
32/ 31			.1	.1														5	5	28	105				
30/ 29			.1															3	3	7	71				
28/ 27																				7	59				
26/ 25																				2	29				
24/ 23																					30				
22/ 21																					10				
20/ 19																					8				
18/ 17																					5				
14/ 13																					1				
Element (X)	Σ X <sup>2</sup>			Σ X			Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

**YEARS**

2100-2300  
HOURS (L. S. )

U.S. AETAC FORM 0-26-3 (JUL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

MAY

MONTH

0000-0200

HOURS (L S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

MAY  
MONTH

PAGE 1      0300-0500  
HOURS (L. S. T.)

USAF-ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

44-45,51-72

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85								.1										2	2		
84/ 83						.0	.0											2	2		
82/ 81				.0	.1	.0	.0											5	5		
80/ 79				.0	.5	.5	.4	.1	.0	.0								36	36		
78/ 77				.5	.8	.4	.1	.2	.1									45	48		
76/ 75		.0	.2	1.2	1.3	.3	.3	.0	.1									76	76	1	
74/ 73		.0	.8	1.7	1.5	1.0	.1	.2	.0									119	121	7	1
72/ 71		.5	1.5	1.9	1.6	1.1	.3	.0										152	153	35	6
70/ 69		1.0	2.6	2.3	1.5	.7	.4	.1										189	195	97	30
68/ 67	.1	2.3	3.0	2.1	1.4	.7	.3	.0										220	222	168	82
66/ 65	.2	3.0	2.6	1.7	1.1	.9	.3	.0										216	222	219	180
64/ 63	.8	3.0	2.4	1.5	1.3	.2	.2	.1										207	209	264	214
62/ 61	.5	2.5	1.2	1.4	1.0	.5	.0											156	157	230	218
60/ 59	.4	2.4	1.5	1.2	1.1	.2	.0	.0										151	152	201	196
58/ 57	.5	1.1	1.6	1.1	.8	.2												117	118	176	191
56/ 55	.4	1.4	1.7	1.2	.7	.1												122	122	143	153
54/ 53	.4	.7	1.4	1.2	.6		.0											96	96	138	139
52/ 51	.2	1.0	1.0	1.3	.5	.2												93	93	114	139
50/ 49	.2	.7	1.1	.4	.2													58	58	108	112
48/ 47	.1	.7	.9	.2	.0	.0												44	44	94	120
46/ 45	.0	.5	.7	.5	.0	.0												42	42	73	98
44/ 43	.0	.2	.4	.0														15	15	46	87
42/ 41		.4	.1	.1	.0													14	14	34	69
40/ 39		.0	.3	.0														8	8	22	56
38/ 37	.1	.2	.0	.0														8	8	9	43
36/ 35		.1																2	2	10	22
34/ 33																				5	16
32/ 31																				1	10
30/ 29																					5
28/ 27																					1
26/ 25																					4
24/ 23																					1
20/ 19																					1
18/ 17																					1
Element (X')	Σ X <sup>2</sup>		Σ X		X̄		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature										Total
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45, 51-72

MAY  
MONTH

PAGE 2

0600-0800  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

44-45,51-72

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
94/ 93											.0							1	1								
92/ 91										.1	.1							4	4								
90/ 89									.1	.0	.1	.0						7	7								
88/ 87							.1	.3	.4	.4	.1	.1						30	30								
86/ 85						.3	.4	1.0	.5	.4	.3	.2						65	66								
84/ 83					.1	.4	1.0	1.7	.9	.5	.2	.1						111	116								
82/ 81			.1	.4	1.4	1.9	.8	.9	.8	.1	.1							143	147								
80/ 79		.0	.2	1.2	2.5	2.2	1.1	.5	.5	.1	.0							183	184								
78/ 77		.0	.7	1.5	1.5	1.1	1.1	.9	.9		.0							172	175	1							
76/ 75		.3	1.2	2.3	2.2	1.3	1.6	1.1	.1		.0							223	225	19							
74/ 73	.0	.3	1.7	1.2	1.0	1.5	.7	.5	.1		.0							158	164	64	8						
72/ 71	.2	.9	1.0	1.2	1.0	1.0	1.2	.8	.1									161	163	154	23						
70/ 69	.4	1.0	.9	1.0	1.6	.9	.9	.5	.1									157	159	246	58						
68/ 67	.9	1.8	.7	1.0	.6	.9	.5	.1	.1									146	147	242	139						
66/ 65	.1	1.3	1.0	.5	.5	.9	.8	.5	.2									128	130	223	192						
64/ 63	.1	.9	.9	.4	1.0	.5	.8	.1	.1									106	106	239	253						
62/ 61	.2	.9	.4	.3	.6	.8	.5	.3	.1									89	89	196	201						
60/ 59	.2	.6	.5	.5	.7	.8	.5	.1										88	88	177	169						
58/ 57	.0	.4	.5	.5	.6	.5	.3											61	61	116	143						
56/ 55	.0	.3	.6	.4	.3	.6	.3											56	56	123	155						
54/ 53	.1	.2	.4	.4	.4	.1												36	36	100	126						
52/ 51	.2	.2	.5	.1	.1	.0	.0											26	26	87	119						
50/ 49	.1	.1	.3	.2	.1		.0											17	17	59	109						
48/ 47	.0	.3	.2	.0														13	13	57	91						
46/ 45	.1	.1	.1				.0											8	8	43	84						
44/ 43	.0																	1	1	30	92						
42/ 41																				11	53						
40/ 39																				2	47						
38/ 37																				1	39						
36/ 35																				1	36						
34/ 33																				1	23						
32/ 31																					13						
30/ 29																					11						
28/ 27																					2						
Element (X)	Σ X²				Σ X				X̄				sₓ				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

<u>13806</u>	<u>FORT CAMPBELL KY/CAMPBELL AAF</u>	<u>44-45,51-72</u>
STATION	STATION NAME	

MAY  
MONTH

PAGE 2 0900-1100  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

**MONTH**

1200-1400  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

MAY  
MONTH

PAGE 2

1200-1400  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

YEARS

MAY  
MCNTH

1500-1790

HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

\_\_\_\_\_  
YEARS

\_\_\_\_\_  
MAY  
MONTH

PAGE 2      1500-1700  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806

FORT CAMPBELL KY/CAMPBELL AAF

44-45,51-72

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
92/ 91											.0							1	1						
90/ 89										.0								1	1						
88/ 87					.0					.1	.0							4	4						
86/ 85						.1	.1	.2	.3	.2								21	21						
84/ 83				.0	.0	.2	.7	.4	.1	.4	.1							43	44						
82/ 81					.1	.4	1.1	.6	.5	.1	.2	.0						69	72						
80/ 79			.0	.4	.8	1.3	1.4	.5	.9	.2	.1							124	124	1					
78/ 77			.6	1.9	2.2	1.3	.9	.5	.4	.0								174	180	1					
76/ 75		.0	.5	1.5	1.3	1.7	1.9	1.0	.5	.2								188	192	7	2				
74/ 73		.1	.5	2.3	1.7	1.8	1.5	1.1	.5									212	217	28	2				
72/ 71		.3	1.4	2.1	1.7	1.5	1.0	.7	.3	.0	.0							200	200	69	21				
70/ 69		1.0	2.0	2.1	1.5	1.3	.8	.7	.2									209	211	197	48				
68/ 67		.9	1.3	1.2	1.6	1.5	1.1	.5	.1	.1								179	182	242	105				
66/ 65	.3	1.9	1.1	.9	1.1	.9	.5	.1	.2									154	157	251	198				
64/ 63	.5	1.6	1.0	.9	1.0	.7	.5	.2										140	140	283	228				
62/ 61	.3	1.0	1.0	.6	.7	.5	.6	.1										107	107	222	225				
60/ 59	.1	.6	.6	.8	.2	.8	.5	.2	.0									86	86	193	186				
58/ 57	.0	.8	.5	.6	.4	.5	.2											68	68	152	171				
56/ 55	.1	.6	.5	.6	.7	.5	.0	.1										72	72	130	157				
54/ 53	.1	.6	.5	.7	.4	.3												58	58	91	180				
52/ 51		.2	.5	.3	.4	.0	.0											32	32	74	113				
50/ 49	.0	.1	.2	.2	.2		.0											19	19	78	106				
48/ 47		.0	.4	.2	.1													17	17	68	112				
46/ 45		.2	.3	.0	.0													13	13	32	64				
44/ 43		.0	.1															4	4	37	67				
42/ 41																				12	54				
40/ 39																				7	46				
38/ 37																					41				
36/ 35																					31				
34/ 33																					21				
32/ 31																					8				
30/ 29																					4				
28/ 27																					1				
26/ 25																					1				
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

## PSYCHROMETRIC SUMMARY

**MAY**  
**MONTH**

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,51-72

MAY

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
80/ 79				.1														3	3					
78/ 77				.4	.2	.4												20	20					
76/ 75			.5	.9	1.3	.7	.1	.1										78	81					
74/ 73		.2	.8	1.9	2.1	.7	.1		.0									127	131	4				
72/ 71		.6	1.6	3.1	1.6	.5	.5	.1	.0									176	179	27	8			
70/ 69	.1	1.0	3.0	2.9	1.7	1.6	.2	.0										230	234	73	37			
68/ 67	.3	2.2	3.1	2.7	1.8	.9	.2	.1										248	250	172	81			
66/ 65	.5	2.6	2.9	2.2	1.5	.7	.3											234	240	287	153			
64/ 63	.8	2.7	2.3	1.9	1.1	.5	.2											211	214	237	231			
62/ 61	.2	1.8	1.8	2.4	1.5	.4	.2											184	185	232	243			
60/ 59	.2	1.4	1.3	1.0	1.0	.5	.0	.0										120	121	216	208			
58/ 57	.5	1.2	1.6	1.2	.6	.2				.0								115	115	183	160			
56/ 55	.0	1.3	1.1	1.1	.5	.3	.0											94	94	140	140			
54/ 53	.3	1.1	1.3	.7	.6	.3												95	95	150	176			
52/ 51	.3	.9	1.2	.8	.2	.1												77	77	111	157			
50/ 49	.2	.7	1.0	.5	.2	.1												60	60	98	106			
48/ 47		.5	.6	.3	.1	.0												33	33	73	105			
46/ 45	.0	.7	.9	.6	.1													52	52	62	91			
44/ 43		.3	.5	.2														21	21	45	79			
42/ 41		.1	.1	.1														8	8	41	59			
40/ 39		.1	.0															3	3	28	44			
38/ 37	.0																	1	1	8	38			
36/ 35																				3	23			
34/ 33																					28			
32/ 31																					8			
30/ 29																					7			
28/ 27																					4			
26/ 25																					2			
24/ 23																					1			
4/ 3																					1			
TOTAL	3.5	19.4	25.7	25.0	16.0	7.9	1.9	.4	.1	.0								2190	2217		2190			
Element (X)	Σ X <sup>2</sup>			Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	12950777			165991		75.8		12.992		2190		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total				
Dry Bulb	9050744			140566		63.4		7.901		2217				37.7	9.9					93				
Wet Bulb	7633040			128224		58.5		7.573		2190				11.7	.2					93				
Dew Point	6846365			120899		55.2		8.868		2190			1.0	5.4						93				

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,50-72  
YEARS

JUN  
MONTH

PAGE 1

0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
86/ 85								.0										1	1					
84/ 83					.2	.0	.1											7	7					
82/ 81				.1	.1	.1	.0											9	9					
80/ 79		.0	.1	.9	.6	.2	.0											42	42					
78/ 77		.2	1.0	1.9	.7	.2												80	88	2	1			
76/ 75	.0	1.3	3.0	2.5	1.3	.2	.0											185	185	29	6			
74/ 73	.0	1.8	2.6	2.7	.8	.2	.1											179	179	97	37			
72/ 71	.1	4.3	4.0	3.1	.9	.2	.0											277	277	183	109			
70/ 69	.6	4.8	4.8	1.8	.8	.2	.1											283	283	269	210			
68/ 67	1.3	5.7	4.3	1.9	.6	.1												302	302	337	305			
66/ 65	1.0	4.2	3.2	1.0	.2													208	208	301	298			
64/ 63	.6	2.5	2.5	1.1	.2		.0											152	152	255	299			
62/ 61	.5	3.1	1.8	1.0	.1													141	141	181	193			
60/ 59	.6	2.1	1.8	.6														109	109	169	194			
58/ 57	.3	1.3	1.1	.3														64	64	112	153			
56/ 55	.3	1.0	.6	.4	.0													51	51	90	113			
54/ 53	.1	.8	.6	.1														34	34	61	86			
52/ 51	.2	.6	.1	.0														20	20	36	68			
50/ 49		.2	.1															6	6	28	45			
48/ 47	.0	.2	.1															8	8	8	17			
46/ 45		.0																1	1	6	12			
44/ 43																				3	16			
42/ 41																					1			
40/ 39																					4			
TOTAL	5.7	34.3	31.8	19.5	6.6	1.5	.5	.0										2167	2167	2167	2167			
Element (X)	Σ X <sup>2</sup>		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	15448761		181831		83.9		9.402		2167		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	10072618		147094		67.9		6.374		2167				57.0	21.2	1.3		90							
Wet Bulb	9092448		139794		64.5		5.856		2167				38.1	5.3			90							
Dew Point	8596664		135816		62.7		6.244		2167				27.7	1.8			90							

## PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45, 50-72

YEARS

JUN  
MONTH

PAGE 1

0300-0500  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,50-72  
YEARS

JUN  
MONTH

PAGE 1

0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
96/ 95							.1	.1			.0							1	1						
90/ 89											.0							6	6						
88/ 87					.0	.3	.7	.2										26	26						
86/ 85					.2	.6	.6	.2	.1									37	37						
84/ 83				.2	.8	1.2	.2	.3										58	58						
82/ 81			.0	.8	1.6	.9	.5	.1	.1	.0								87	87						
80/ 79			.8	2.4	1.8	1.2	.6	.2		.0								151	151	2					
78/ 77		.2	1.0	3.0	2.1	1.0	.5	.1										172	172	27	1				
76/ 75		.5	2.2	2.7	2.4	.8	.4	.0										196	197	118	18				
74/ 73	.0	1.2	4.0	3.8	2.0	.6	.3		.0									259	259	170	77				
72/ 71	.2	2.5	3.7	2.4	1.4	.5	.2											236	236	233	171				
70/ 69	.3	3.8	3.9	2.3	1.1	.6	.2	.0	.0									269	269	321	270				
68/ 67	.2	2.6	3.3	1.8	.7	.4												197	197	325	310				
66/ 65	.5	2.3	2.7	1.1	.5	.3												160	160	276	274				
64/ 63	.0	1.4	1.8	.9	.3	.0												97	97	199	271				
62/ 61	.0	1.5	1.2	.5	.1	.1	.1											74	74	166	206				
60/ 59	.0	1.1	1.0	.6	.1													63	63	119	160				
58/ 57	.1	.8	.6															33	33	80	132				
56/ 55		.6	.2	.2	.0													23	23	61	95				
54/ 53	.1	.1	.1	.0														8	8	38	72				
52/ 51	.0	.0	.2	.1														8	8	10	47				
50/ 49		.0																1	1	9	24				
48/ 47		.0	.0															2	2	8	13				
46/ 45																				2	10				
44/ 43																					5				
42/ 41																					6				
40/ 39																					1				
38/ 37																					1				
TOTAL	1.8	18.8	26.8	22.7	15.2	8.5	4.3	1.3	.3	.1	.1							2164	2165	2164	2164				
Element (X)	Σx <sup>2</sup>		Σx		X̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.	13237861		167373		77.3		11.630		2164		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	11236296		155236		71.7		6.982		2165				70.5	41.3	12.0	.0	90								
Wet Bulb	9655828		144022		66.6		5.715		2164				49.7	13.2	.0		90								
Dew Point	8918882		138288		63.9		6.147		2164				35.2	4.0			90								

## PSYCHROMETRIC SUMMARY

JUN  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

YEARS

JUN  
MONTH

0900-1100  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,50-72.

PAGE 1 JUN 1200-1400  
HOURS (L. S.,T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
104/103														.0	.0			2	2			
102/101														.1		.0	.0	4	4			
100/ 99										.2	.1	.6	.2	.0		.1		26	26			
98/ 97								.0	.0	.2	.5	.6	.3	.3	.0			43	43			
96/ 95								.0	.1	.6	1.1	.6	.4	.2				63	63			
94/ 93								.5	.8	1.8	1.0	.5	.4					106	106			
92/ 91						.0	.4	.8	1.7	1.5	.2	.3	.2	.0				114	114			
90/ 89						.2	.9	2.7	2.0	1.1	.6	.2	.1					170	170			
88/ 87					.1	.7	2.2	2.9	1.9	1.1	1.3	.1	.1					225	225			
86/ 85					.3	2.3	2.9	3.0	2.1	1.4	.6	.1	.0					277	277			
84/ 83			.0		.6	2.5	2.0	2.4	1.2	1.2	.3	.1	.1					229	229	2		
82/ 81			.1	.3	.8	2.0	1.7	1.7	1.1	.9	.2	.0						193	193	7		
80/ 79			.3	.6	1.1	1.1	.8	1.9	1.8	.6	.3	.1						188	188	52		
78/ 77		.0	.1	.7	.9	1.0	1.1	1.1	1.1	.3	.0	.0						140	140	162		
76/ 75		.0	.4	.9	.9	.9	.7	.8	.7	.2								120	120	340		
74/ 73		.3	.9	.6	.6	.4	.3	.6	.2									82	82	314		
72/ 71	.0	.5	.7	.2	.2	.3	.2	.1	.1									54	54	291		
70/ 69	.0	.5	.4	.3	.4	.3	.0	.1	.0									46	46	284		
68/ 67	.1	.1	.3	.4	.0	.3	.0	.1										29	29	220		
66/ 65	.1		.2	.2	.1	.1	.1											18	18	163		
64/ 63	.1	.0	.4	.1		.1												16	16	129		
62/ 61		.1	.3		.1													11	11	90		
60/ 59		.1	.0			.0												5	5	54		
58/ 57	.0	.1																3	3	35		
56/ 55		.1			.1													4	4	12		
54/ 53																				10		
52/ 51																						
50/ 49																				1		
48/ 47																				2		
46/ 45																						
44/ 43																						
42/ 41																						
40/ 39																						
38/ 37																						
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

## PSYCHROMETRIC SUMMARY

JUN  
MONTH

PAGE 2 1200-1400  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

13806

FORT CAMPBELL KY/CAMPBELL AAF

44-45, 50-72

JUN

STATION

STATION NAME

**YEARS**

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

YEARS

JUN  
MONTH

1500-1700  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 44-45,50-72

JUN

MONTH

PAGE 1 1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
100/ 99													.0					1	1					
98/ 97													.0					1	1					
96/ 95										.0	.1		.0	.0				6	6					
94/ 93								.0	.3	.1	.2	.1						17	17					
92/ 91							.0	.1	.2	.4	.2	.1	.0					25	25					
90/ 89					.0	.0	.3	.8	.5	.2	.0	.2						48	48					
88/ 87					.1	.6	.9	.8	.6	.0	.2							72	72					
86/ 85		.0		.1	.6	2.2	1.3	1.5	.6	.3	.2							148	148					
84/ 83			.0	.4	1.7	1.8	1.5	1.2	.7	.2	.2							167	167	1				
82/ 81		.0	.3	.8	2.2	2.6	1.7	1.2	.4	.3	.0		.0					207	207	2	1			
80/ 79			.6	2.6	3.0	2.6	1.4	.8	.4	.1								251	251	14	4			
78/ 77		.2	1.1	2.6	2.4	2.1	1.5	.8	.4	.1								244	244	89	4			
76/ 75		.5	1.9	2.7	1.9	1.2	1.0	.4	.3	.0								216	216	195	50			
74/ 73		1.2	1.9	2.2	1.8	1.3	.8	.5	.2	.0								215	215	263	99			
72/ 71	.1	.8	1.6	1.6	1.7	1.2	.6	.0	.0	.0								165	165	337	238			
70/ 69	.2	1.7	1.8	1.1	1.0	.6	.3	.1										146	146	310	277			
68/ 67	.3	1.2	.8	.8	.9	.4	.2											97	97	300	290			
66/ 65		.6	.6	.5	.7	.2	.2											61	61	204	286			
64/ 63	.0	.2	.4	.4	.3													28	28	165	214			
62/ 61	.1	.1	.4	.3		.2	.0											26	26	112	158			
60/ 59		.2	.1	.1	.1													11	11	74	139			
58/ 57		.3	.1	.1														13	13	58	131			
56/ 55				.1	.0													3	3	25	96			
54/ 53			.0	.1														3	3	9	69			
52/ 51																				9	61			
50/ 49																				3	19			
48/ 47																				1	7			
46/ 45																					15			
44/ 43																					10			
42/ 41																					2			
40/ 39																					1			
TOTAL	.7	7.1	11.6	16.5	18.5	16.9	11.7	8.3	4.6	1.9	1.3	.5	.2	.0				2171	2171		2171			
																		2171		2171				
Element (X)	Σx <sup>2</sup>		Σx		X		Σx		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	10147632		145164		66.9		14.260		2171		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	13002483		167319		77.1		7.029		2171				84.0	67.1	34.7	1.0	90							
Wet Bulb	10318732		149212		68.7		5.407		2171				62.6	23.4	.4		90							
Dew Point	9137321		140125		64.5		6.550		2171				39.9	6.5	.1		90							

## PSYCHROMETRIC SUMMARY

**YEARS**

PAGE 1

2100-2300  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

JUL

0000-0200  
HOURS (L. S. T.)



## PSYCHROMETRIC SUMMARY

**YEARS**

JUL  
MONTH

PAGE 1

0300-0500  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

JUL

YEARS

**MONTH**

0600-0800

HOURS (L, S, T.)

## PSYCHROMETRIC SUMMARY

YEARS

JUL  
MONTH

0900-1100

HOURS (1 - 5 - T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
102/101															.0			1	1																
100/ 99											.0		.1					3	3																
98/ 97									.1	.1	.1	.0						9	9																
96/ 95								.0	.3	.2	.4	.1	.1		.0			26	26																
94/ 93							.1	.5	.9	.5	.2	.1		.0				53	53																
92/ 91						.1	.6	1.0	.7	.8	.3		.1					83	88																
90/ 89				.1	.6	1.9	2.4	1.4	.4	.2	.1							164	171																
88/ 87				.4	2.2	3.3	2.2	1.2	.5	.1	.1	.1	.0					237	243																
86/ 85			.1	1.6	5.1	3.5	1.8	.9	.9	.3	.0	.0						333	340																
84/ 83			.1	.8	3.0	4.3	2.9	1.0	1.1	.4	.1	.0						318	319																
82/ 81			.1	2.2	4.0	2.8	1.9	1.2	.6	.2	.1							304	305	14															
80/ 79			.8	2.8	2.1	1.3	1.3	1.0	.8	.1	.2		.0					243	243	85															
78/ 77		.3	1.9	1.6	1.0	1.2	1.0	.7	.2	.1	.0	.0						188	188	268															
76/ 75	.0	.6	1.5	1.0	.8	.4	.6	.3	.1	.1								128	128	489															
74/ 73	.1	1.0	.7	.4	.3	.9	.3	.3	.0									93	93	473															
72/ 71	.1	.9	.4	.3	.4	.2	.3	.2										64	64	322															
70/ 69	.3	.6	.3	.1	.3	.4	.1											46	46	218															
68/ 67	.1	.1	.1	.3	.0	.1												17	17	176															
66/ 65		.1	.3		.0													9	9	108															
64/ 63		.0	.0	.0														3	3	81															
62/ 61			.0	.0														2	2	47															
60/ 59			.0															1	1	30															
58/ 57																				12															
56/ 55																				2															
54/ 53																																			
52/ 51																																			
50/ 49																																			
48/ 47																																			
46/ 45																																			
44/ 43																																			
42/ 41																																			
38/ 37																																			
TOTAL	.6	3.5	6.3	9.5	14.0	19.6	17.8	12.8	8.3	4.3	2.1	.6	.5	.1	.1			2325	2352	2325															
Element (X)	Z <sub>x</sub> <sup>2</sup>																																		

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

13806  
STATIO

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45, 50-72

**YEARS**

JUL.  
MONTH

PAGE 2

1200-1400  
HOUP. (L. S. T.)



## PSYCHROMETRIC SUMMARY

333

MONTH

1500-1700

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

13806

FORT CAMPBELL KY/CAMPBELL AAF

43-45, 50-72

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1600-2000

HOURS (L, S, T.)

[illegible]



## PSYCHROMETRIC SUMMARY

13806	FORT CAMPBELL KY/CAMPBELL AAF
STATION	STATION NAME

43-45, 50-72

JUL  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

43-45, 50-72

AUG

STATION

STATION NAME

YEARS

## RESULTS

PAGE 1

0000-0200

HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

           AUG  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

13806	FGRT CAMPBELL KY/CAMPBELL AAF
STATION	STATION NAME

43-45, 50-72

AUG

PAGE 1

0600-0800  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

AUG  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11	12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
100/ 99												.0					.1			3	3															
98/ 97												.0	.0	.0						3	3															
96/ 95										.1	.2	.2	.1	.2	.2					26	26															
94/ 93						.0	.0	.2	.5	.2	.2	.3	.2							42	42															
92/ 91						.0	.5	1.0	1.1	.7	.5	.2	.0							98	98															
90/ 89					.1	.7	1.8	1.4	1.4	.8	.5	.0								165	166															
88/ 87				.1	.3	2.2	2.4	2.1	1.6	.8	.2	.1								238	239															
86/ 85				.1	1.7	2.4	2.9	2.2	1.5	.6	.2	.0								279	280															
84/ 83			.0	1.0	2.5	3.3	2.4	1.6	1.3	.5	.2	.0								307	307	1														
82/ 81			.2	1.0	2.8	2.3	1.6	1.0	.7	.2										236	236	12														
80/ 79			.8	2.0	2.5	1.8	1.5	1.1	.6	.2										252	252	6														
78/ 77		.2	1.6	1.7	1.8	1.3	1.5	.7	.5	.1										224	227	256														
76/ 75	.0	.4	1.8	1.4	1.2	1.2	.9	.2	.2	.1										178	180	332														
74/ 73	.0	.9	1.3	1.0	1.3	.7	.2	.2	.1	.0										142	143	418														
72/ 71	.1	.9	1.0	.8	.7	.5	.5	.1	.2											118	118	427														
70/ 69	.1	.4	.5	.2	.3	.5	.0	.2	.0											53	53	313														
68/ 67	.1	.1	.1	.1	.1	.1	.2													20	20	205														
66/ 65	.0		.1	.1	.1		.0													9	9	169														
64/ 63	.0	.1		.1	.0															7	7	88														
62/ 61		.0	.1	.0																5	5	54														
60/ 59		.1																		3	3	37														
58/ 57																						20														
56/ 55																						13														
54/ 53																						1														
52/ 51																						30														
50/ 49																						8														
48/ 47																						8														
46/ 45																						13														
44/ 43																						4														
42/ 41																						2														
TOTAL	.5	3.1	7.6	9.6	15.5	17.1	16.6	12.0	9.7	4.4	2.2	1.0	.5	.2	.1					2408	2417	2408														
Element (X)	Σx²			Σx			X̄			e <sub>x</sub>			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.	9711285			149139			61.91			4.039			2408			≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb	16195610			197246			81.6			6.395			2417									92.1			84.7			59.7			2.8			93		
Wet Bulb	12319430			171848			71.4			4.798			2408									78.2			41.7			1.3						93		
Dew Point	10762177			160281			66.6			6.235			2408									53.1			14.9			.2						93		

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

43-45,50-72

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
104/103												.0	.2	.1	.0	.0	.0	2	2					
102/101												.1	.2	.2	.1	.1	.1	11	11					
100/99											.1	.2	.2	.1	.1	.2		19	19					
98/97										.3	.7	.5	.5	.2	.4			61	61					
96/95								.1	.7	.6	1.1	.7	.4	.1	.0			91	91					
94/93							.0	.7	1.5	1.5	1.7	1.1	.7	.0				177	177					
92/91						.1	.3	1.3	1.9	1.9	1.7	.7	.1		.0			194	195					
90/89						.5	1.5	2.5	2.9	2.0	1.4	.7	.5	.1				289	290					
88/87					.2	1.0	3.0	2.8	2.5	1.0	.9	.1	.1					278	278					
86/85				.2	1.2	2.5	2.2	2.4	1.7	1.4	1.0	.1	.0					305	305					
84/83		.0	.2	1.2	2.2	2.1	1.7	.9	.8	.6	.1	.0						239	240					
82/81		.2	.7	1.5	1.7	1.0	1.4	1.0	.5	.2								196	197	6				
80/79		.0	.5	1.2	1.0	.7	1.4	1.2	.8	.3	.2	.1						178	181	103				
78/77		.1	1.0	1.0	.3	.7	1.0	.5	.1	.1	.1							120	122	258	18			
76/75		.6	.6	.8	.8	.5	.7	.5	.1	.3								119	119	421	93			
74/73	.0	.3	.5	.5	.2	.1	.2	.2	.1									50	50	459	191			
72/71	.2	.3	.5	.1	.0	.2	.2	.2										41	41	365	322			
70/69	.1	.1	.1	.0		.1	.0	.1										13	13	279	322			
68/67	.1	.0	.0															4	4	217	276			
66/65				.0	.0	.0												3	3	135	277			
64/63		.2		.2														9	9	71	203			
62/61	.0	.0	.0															3	3	43	193			
60/59																				24	136			
58/57																				20	134			
56/55																				1	86			
54/53																					54			
52/51																					39			
50/49																					21			
48/47																					17			
46/45																					11			
44/43																					5			
42/41																					4			
TOTAL	.5	1.7	3.5	5.0	6.6	10.2	13.7	15.6	14.4	10.7	9.7	4.3	2.6	.7	.6	.2	.1	2402	2411	2402	2402			
Element (X)	Σx²		Σx		X		x²		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	7391999		128491		53.5		14.697		2402		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	17753730		206274		85.6		6.628		2411						92.4		90.2		76.0		13.9		93	
Wet Bulb	12504844		172964		72.0		4.563		2402						81.6		48.3		1.8				93	
Dew Point	10445652		157622		65.6		6.528		2402						47.3		11.7						93	

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

43-45,50-72

AUG  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
104/103														.1	.1			.0	1	1															
102/101														.1				.1	7	7															
100/99											.0	.1	.3	.2	.0	.2		.0	22	22															
98/97										.2	.2	.2	.2	.2	.5	.0		.0	38	38															
96/95									.3	1.0	.8	1.0	.5	.6					101	101															
94/93							.0	.3	1.4	1.7	1.0	.8	.5	.0					139	139															
92/91						.0	.2	.8	2.1	1.7	1.3	.7	.2	.0					172	172															
90/89						.4	1.3	2.5	2.5	2.0	1.1	.6	.2	.3					261	261															
88/87				.1	.2	1.0	2.6	2.8	2.8	1.4	.9	.3	.1	.1					295	295															
86/85				.0	.5	1.9	2.6	2.6	1.7	1.0	.8	.2	.1						274	274															
84/83			.0	.3	1.4	2.4	2.1	1.9	1.2	.7	.2	.1	.0						251	253															
82/81			.3	.4	1.4	1.6	1.9	1.5	1.5	1.0	.2	.0							236	237	6														
80/79		.0	.6	1.6	.7	1.2	1.1	1.2	.7	.5	.2	.1							193	194	62	2													
78/77		.2	1.3	1.1	.8	.7	1.1	.6	.2	.1	.2								150	150	210	15													
76/75		.7	1.1	1.0	.5	.3	.5	.4	.1	.3	.0								122	122	418	62													
74/73		.5	.7	.5	.2	.3	.4	.2	.0	.0									70	70	455	185													
72/71		.8	.2	.1	.1	.1	.2	.1											38	38	400	292													
70/69	.1	.1	.2	.0		.0													12	12	331	351													
68/67	.0	.1	.0			.1	.1												8	8	202	279													
66/65		.0		.2	.1														9	9	147	271													
64/63		.0		.0															2	2	82	252													
62/61		.1																	2	2	43	154													
60/59																					32	140													
58/57																					13	143													
56/55																					2	96													
54/53																						56													
52/51																						39													
50/49																						18													
48/47																						20													
46/45																						13													
44/43																						7													
42/41																						6													
TOTAL	.2	2.7	4.5	5.5	5.9	10.2	14.1	14.8	14.5	11.7	7.1	4.2	2.3	1.5	.5	.2	.2		2409			2403													
Element (X)	Σ X <sup>2</sup>			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X										
Rel. Hum.	7579118			129758			54.0			15.401			2402			≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total	
Dry Bulb	17489333			204657			85.0			6.529			2409									92.5			90.3			74.4			11.9			93	
Wet Bulb	12382034			172164			71.6			4.436			2403									80.7			44.5			1.1						93	
Dew Point	10348558			156902			65.3			6.573			2403									45.9			10.2			.0						93	

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





## PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45, 50-72.

**YEARS**

AUG

**MONTH**

PAGE 1

2100-2300  
HOURS (L. S. T.)



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

43-45,50-71

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
82/ 81									.0	.0									1	1				
80/ 79								.0											1	1				
78/ 77				.1	.0	.1	.1												7	7				
76/ 75		.2	.2	.3	.3	.1	.1												26	26				
74/ 73	.1	1.5	1.1	.5	.1	.3		.0											83	83	10	7		
72/ 71	.6	3.3	1.3	.5	.8	.3	.1	.0											155	155	84	53		
70/ 69	1.9	6.0	1.8	1.0	.4	.2													255	255	184	145		
68/ 67	.8	3.7	1.6	1.4	.4	.1													179	179	180	174		
66/ 65	1.2	4.1	1.7	1.0	.4	.0													188	188	178	154		
64/ 63	.8	4.2	2.3	.8	.7	.0	.1												202	202	188	157		
62/ 61	.5	4.9	1.9	1.1	.2	.0													195	195	189	167		
60/ 59	.8	3.6	1.7	1.1	.3														168	171	226	198		
58/ 57	.6	4.1	1.7	.5	.3	.1													167	167	170	191		
56/ 55	.6	2.8	1.6	.4	.1														126	126	187	179		
54/ 53	.7	3.2	1.7	.4	.2														139	139	131	155		
52/ 51	.3	2.8	1.3	.8	.1														121	121	132	138		
50/ 49	.2	2.5	1.9	.2	.0														107	107	118	130		
48/ 47	.0	.9	.8	.3															45	45	100	96		
46/ 45	.1	.9	.2																26	26	72	99		
44/ 43		.9	.1																24	24	43	67		
42/ 41	.1	.6																	15	15	26	56		
40/ 39		.2																	5	5	14	31		
38/ 37		.3																	7	7	7	28		
36/ 35		.0																	1	1	3	13		
34/ 33																					1	4		
32/ 31																						1		
TOTAL	9.5	50.7	23.0	10.7	4.3	1.3	.4	.1	.0										2243	2246	2243	2243		
Element (X)	Σx <sup>2</sup>		Σx		x̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	16902932		193204		86.2		10.483		2241		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	8624892		138028		61.5		7.964		2246				28.3	4.7	.1		90							
Wet Bulb	7916686		132062		58.9		7.937		2243				18.4	.4			90							
Dew Point	7487498		128142		57.1		8.625		2243			.0	15.2	.3			90							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

YEARS

**MONTH**

0600-0800

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

**SEP**  
**MONTH**

## PSYCHROMETRIC SUMMARY

**SEP**

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

SEP

**YEARS**

MONTH

1200-1400

HOURS (L, S, T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-71 SEP  
STATION STATION # YEARS MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
102/101																	.2	4	4					
100/99															.0		.1	3	3					
98/97													.1	.0	.0	.1	.0	8	8					
96/95								.0		.1	.1	.4	.2	.0	.0	.1	.1	26	26					
94/93								.0		.3	.4	.4	.1	.3	.1	.1	.0	38	38					
92/91							.1	.3	.3	.6	.4	.4	.2	.1	.1	.1		54	54					
90/89						.0	.2	.5	.8	1.2	1.0	.4	.4	.4	.1			114	114					
88/87						.1	.8	1.4	1.2	1.0	.8	.2	.2	.2				135	135					
86/85					.3	.8	.9	1.5	1.3	1.3	.6	.7	.1	.1				173	173					
84/83				.0	.7	1.6	1.4	1.5	.8	1.3	.8	.5	.0					199	199					
82/81			.0	.5	1.2	1.3	1.4	1.2	1.4	.8	.7	.3	.2					205	205		2			
80/79		.1	.2	.9	1.0	1.6	1.3	1.4	1.5	1.6	.8	.2						237	237		8			
78/77		.0	.7	.9	1.1	.8	1.3	1.3	1.6	.9	.4	.1						203	203		34	3		
76/75		.4	.5	.8	.7	1.4	1.0	.9	1.5	.9	.3							188	188		125	13		
74/73		.8	.7	1.1	.9	1.0	.8	1.1	.7	.4	.2	.1						172	172		232	49		
72/71	.1	1.1	.8	.7	1.1	1.0	.8	.8	.8	.2	.0							166	166		246	131		
70/69		.4	.6	.6	.1	.6	.7	.6	.4	.2	.0							95	95		281	179		
68/67		.4	.3	.4	.5	.6	.4	.4	.1									68	68		218	165		
66/65		.5	.9	.3	.5	.2	.3	.3	.1									71	71		269	139		
64/63	.1	.4	.4	.1	.2	.1	.3	.1										37	37		225	182		
62/61		.3	.1	.0	.1	.1	.1											16	16		191	168		
60/59		.2	.0	.1	.1	.0	.0											12	12		156	171		
58/57		.2	.1	.1														9	9		111	157		
56/55		.2	.1	.0	.0	.1												11	11		65	128		
54/53					.1	.0												3	3		41	133		
52/51																					26	150		
50/49																					11	100		
48/47																					2	81		
46/45		.1																3	3		4	70		
44/43																					3	54		
42/41																							42	
40/39																							33	
38/37																							11	
36/35																							11	
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

L AAF

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SEP

MONTH

**USAFETAC** FORM 0-26-3 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

SEP

PAGE 1 2100-2300  
 200-250 (11-5-7-1)

[illegible]

## PSYCHROMETRIC SUMMARY

OCT

**YEARS**

MONTH

0000-0200

0000-0200  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

**OCT**  
**MONTH**

PAGE 2 0000-0200  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
YEARS

OCT  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31			Dry Bulb	Wet Bulb	Dew Point	
78/ 77						.0													1	1			
76/ 75						.1													2	2			
72/ 71		.5	.1	.3			.0												22	22	1		
70/ 69	.0	.4	.4	.3	.1	.1													34	34	18	10	
68/ 67	.3	.5	.8	.3	.4	.1	.1												56	56	13	20	
66/ 65	.5	1.1	1.2	.4	.2	.1													82	84	65	31	
64/ 63	.4	2.5	.9	.3	.3	.0													105	105	71	51	
62/ 61	.6	2.4	.9	.4	.1	.2	.1												109	113	113	99	
60/ 59	.5	3.2	.9	.6	.2	.1													128	129	103	109	
58/ 57	.7	3.1	1.5	.4	.4	.1	.1												146	147	131	98	
56/ 55	.6	2.9	1.6	.8	.4	.1	.0												152	154	129	118	
54/ 53	.3	3.0	1.5	.9	.3	.2													143	144	129	121	
52/ 51	.3	2.3	1.8	1.0	.3	.2													135	139	122	117	
50/ 49	.5	3.0	2.6	1.7	.2	.1													189	190	150	123	
48/ 47	.4	3.2	1.9	.9	.2														153	153	154	111	
46/ 45	.7	3.4	1.6	1.1	.0														160	160	195	152	
44/ 43	.5	2.8	1.9	.9	.2														144	144	166	142	
42/ 41	.7	3.1	1.6	.3	.0														134	135	146	168	
40/ 39	.6	3.0	1.5	.8	.0														137	137	174	168	
38/ 37	.5	2.7	.8	.4															103	103	141	128	
36/ 35	.3	2.5	.6																81	81	107	155	
34/ 33	.2	1.5	.6	.2	.1														58	58	80	117	
32/ 31	.1	1.0	.1	.1	.0														32	32	66	98	
30/ 29		.6	.3																20	20	27	67	
28/ 27	.0	.3																	9	9	21	35	
26/ 25		.2																	4	4	13	44	
24/ 23																					4	26	
22/ 21																						15	
20/ 19																						8	
18/ 17																						1	
16/ 15																						1	
14/ 13																						1	
12/ 11																						2	
8/ 7																						3	
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

## PSYCHROMETRIC SUMMARY

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PAGE 2      0300-0500  
HOURS (L. S. T.)



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72

OCT

PAGE 1 0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
78/ 77				.0		.0	.0											3	3					
76/ 75			.1	.2	.1	.0		.0										11	11					
74/ 73		.1	.1	.2	.1	.1												15	15					
72/ 71		.4	.2	.5	.2	.1												30	30	9	4			
70/ 69	.2	.5	.6	.9	.3	.0	.1											60	60	21	17			
68/ 67	.1	.7	.9	.6	.6	.1	.2	.0										76	76	27	19			
66/ 65	.3	1.8	1.0	.6	.3	.1	.2											101	103	74	35			
64/ 63	.1	2.6	1.0	.9	.4	.2	.3	.0										128	128	95	67			
62/ 61	.5	2.4	1.5	.7	.3	.3	.1	.0										136	139	116	112			
60/ 59	.4	2.5	1.2	.9	.7	.5	.1											148	148	135	119			
58/ 57	.5	2.4	1.9	1.1	.6	.3	.2	.0										162	163	121	101			
56/ 55	.4	2.8	1.8	1.2	1.0	.3	.1											177	179	156	113			
54/ 53	.1	2.4	2.1	1.0	.5	.2												145	147	131	141			
52/ 51	.3	1.6	2.2	1.0	.4	.3			.0									137	138	156	113			
50/ 49	.5	2.4	2.4	1.3	.4	.2												170	172	170	114			
48/ 47	.2	2.3	2.2	1.2	.3	.0												170	170	161	138			
46/ 45	.6	2.3	2.2	1.0	.3													149	150	198	161			
44/ 43	.3	1.9	1.8	.5	.1													108	108	153	156			
42/ 41	.3	1.8	1.1	.7														91	92	140	168			
40/ 39	.5	2.0	1.3	.3	.1													98	98	136	161			
38/ 37	.3	1.9	.5	.4		.0												74	74	90	124			
36/ 35	.3	1.7	.3	.2														59	59	93	116			
34/ 33	.1	1.2	.5	.0														42	42	61	98			
32/ 31	.3	.6	.1	.0														24	24	49	82			
30/ 29		.5	.1	.0														14	14	19	66			
28/ 27		.3																6	6	18	32			
26/ 25		.1																2	2	4	34			
24/ 23																				3	26			
22/ 21																					7			
20/ 19																					6			
18/ 17																					2			
12/ 11																					1			
10/ 9																					1			
4/ 3																					2			
Element (X)	Σ X <sup>2</sup>		Σ X		X		Σ X		Nn. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

**DC T**

0603-0800

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

43-45, 50-72

YEARS

OCT  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
88/ 87							.0	.0	.0									3	3				
86/ 85					.0	.0	.2	.0	.2									12	12				
84/ 83						.1	.1	.2	.0	.3	.0	.1						19	19				
82/ 81				.1	.1	.6	.4	.2	.2	.2	.3	.0	.0					51	51				
80/ 79				.1	.3	.6	.6	.6	.3	.2	.3	.1						72	72				
78/ 77			.0	.0	.6	.6	.8	.6	.5	.3	.3	.1						90	90	2			
76/ 75			.1	.3	.9	.9	.9	1.1	.4	.9	.1	.1						135	135	6			
74/ 73		.0	.1	.9	.8	1.3	.8	.7	.5	.3	.2	.0						134	134	18	3		
72/ 71	.0	.3	.5	.6	1.0	1.4	.9	.6	.8	.3	.1							150	150	32	10		
70/ 69		.3	.6	.8	1.4	.9	.9	1.2	.7	.2	.0							164	164	82	17		
68/ 67		.6	1.0	.9	1.2	.8	1.1	.8	.5	.3								167	167	84	51		
66/ 65	.0	.8	1.2	.6	1.1	.8	1.4	.8	.5	.2								174	175	142	77		
64/ 63	.0	1.0	.8	.7	1.0	1.2	1.1	1.2	.3	.0								172	172	184	96		
62/ 61		1.0	.4	.6	1.0	1.2	1.2	.8	.3									153	153	199	106		
60/ 59	.0	.6	.3	.8	1.1	1.4	1.1	.8	.1									147	148	161	139		
58/ 57	.1	.4	1.0	.5	1.0	1.2	.9	.3	.2									131	131	172	149		
56/ 55		.8	.9	.7	1.2	1.4	.7	.3										137	138	162	120		
54/ 53	.0	.7	.6	.9	1.3	.7	.3	.1										107	107	183	117		
52/ 51		.5	1.3	.8	.5	.8	.4											101	101	173	126		
50/ 49		.6	.7	.7	.6	.6	.0											76	76	179	114		
48/ 47		.4	.5	.6	.3	.3												46	46	170	144		
46/ 45	.1	.3	.4	.5	.5	.2	.0											47	47	130	162		
44/ 43	.0	.1	.2	.5	.2	.2												29	29	91	148		
42/ 41		.2	.3	.1	.2	.0	.0											21	21	78	113		
40/ 39		.0		.1	.0	.0												5	5	37	140		
38/ 37				.1		.0												3	3	36	116		
36/ 35		.0																1	1	11	93		
34/ 33																				10	91		
32/ 31																				3	56		
30/ 29																				1	52		
28/ 27																				1	32		
26/ 25																					21		
24/ 23																					22		
22/ 21																					12		
Element (X)	Σ X <sup>1</sup>			Σ X			Σ	Σ <sub>2</sub>	No. Obs.		Mean No. of Hours with Temperature										Total		
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																							
Wet Bulb																							
Dew Point																							

## PSYCHROMETRIC SUMMARY

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0900-1100  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72

OCT  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
94/ 93										.0								1	1								
92/ 91								.1		.1								4	4								
90/ 89								.1		.1	.1		.0					9	9								
88/ 87							.0	.2	.3	.1	.1	.2	.1	.2				28	28								
86/ 85						.0	.4	.5	.3	.2	.3	.4	.2	.2				59	59								
84/ 83					.1	.2	.3	.7	.9	.6	.6	.3	.3	.2	.0			101	101								
82/ 81				.0	.0	.3	.6	.5	1.0	.7	.6	.7	.1	.0	.0			109	109								
80/ 79				.3	1.0	.7	1.4	1.3	.7	.9	.6	.6	.1					162	162								
78/ 77			.0	.2	.3	1.0	1.7	1.2	1.3	.8	.6	.4						179	179	3							
76/ 75		.1	.0	.3	.6	1.2	1.3	1.0	1.2	1.1	.8	.3						186	186	11							
74/ 73	.0	.0	.1	.4	.3	.3	1.2	1.0	1.1	.9	.4	.1						140	140	28	8						
72/ 71		.0	.3	.6	.7	.9	1.1	.8	1.2	1.4	.5	.0						178	178	53	6						
70/ 69		.0	.5	.3	.7	.6	.6	.7	1.4	1.4	.5	.0						157	157	94	20						
68/ 67	.1	.4	.6	.7	.6	.3	.9	.7	1.5	.9	.2							161	161	127	44						
66/ 65	.0	.6	.4	.3	.3	.5	1.1	1.9	1.2	.5								160	160	205	76						
64/ 63		.4	.5	.3	.3	.7	1.0	1.4	1.0	.6								144	144	200	107						
62/ 61		.6	.2	.3	.3	.6	.8	1.2	.5	.0								104	104	197	106						
60/ 59	.1	.3	.3	.5	.3	.9	.7	1.1	.6									112	112	194	131						
58/ 57	.0	.5	.2	.3	.3	.4	.8	.6	.2									78	78	163	128						
56/ 55	.1	.2	.3	.3	.5	.7	.5	.2										68	68	163	149						
54/ 53		.3	.3	.5	.7	.4	.1	.1										58	58	178	128						
52/ 51		.5	.2	.3	.3	.4	.6											53	53	185	97						
50/ 49		.3	.1	.4	.3	.4	.3											40	40	159	111						
48/ 47	.1	.1	.3	.1	.1	.3	.2											28	28	128	120						
46/ 45	.0		.1		.1	.2	.0											11	11	100	128						
44/ 43			.2	.3			.1											13	13	69	113						
42/ 41			.1			.1												4	4	33	148						
40/ 39	.1	.0			.1													5	5	32	127						
38/ 37																				17	114						
36/ 35																				7	115						
34/ 33																				2	97						
32/ 31																				4	83						
30/ 29																					62						
28/ 27																					35						
Element (X)	$\Sigma X^2$				$\Sigma X$				$\bar{X}$				$\sigma_x$				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477-54321

## PSYCHROMETRIC SUMMARY Y

**YEARS**

PAGE 2

1200-1400  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY Y

DCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATIC NAME

43-45, 50-72

OCT  
MONTH

PAGE 2

1500-1700  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72

OCT  
MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
82/ 81						.0	.0											2	2					
80/ 79				.0	.0	.0	.1			.0								7	7					
78/ 77				.1	.2	.1	.2											15	15					
76/ 75			.1	.5	.6	.3	.3	.1	.0									45	45					
74/ 73		.2	.5	.7	.5	.4	.6	.2	.1		.1							75	75	1				
72/ 71		.3	.5	1.2	.7	.7	.5	.1		.2								100	100	19	3			
70/ 69		.4	1.1	1.1	1.1	.9	.6	.4	.2	.0								136	136	38	21			
68/ 67	.1	.9	1.3	1.4	1.7	.8	.9	.4	.0									177	177	72	30			
66/ 65	.2	1.0	1.7	2.0	1.1	1.1	.6	.3	.3									192	192	110	68			
64/ 63	.1	1.7	1.1	1.3	1.0	1.2	.6	.3	.1									174	175	119	94			
62/ 61	.2	.9	1.1	1.2	1.2	1.1	.7	.1	.1									153	153	185	111			
60/ 59	.1	1.2	1.1	1.2	1.1	1.5	1.1	.3										181	182	179	118			
58/ 57	.1	.8	1.1	1.5	1.4	1.2	.5	.1										158	158	152	127			
56/ 55	.2	1.2	1.1	1.9	1.7	1.4	.2	.0	.0									185	185	160	163			
54/ 53	.0	.7	.7	2.0	1.6	.8	.2	.1										144	144	165	120			
52/ 51	.1	.8	1.4	1.9	2.0	.6	.4											166	166	156	116			
50/ 49	.0	1.1	.6	1.8	1.0	.3	.0											116	116	180	110			
48/ 47	.2	.6	1.2	1.4	.7	.4												104	104	215	148			
46/ 45	.0	.3	1.0	1.2	.6	.0												74	74	157	150			
44/ 43		.3	.6	.9	.7	.0												60	60	136	134			
42/ 41		.1	.8	.3	.2	.0												35	35	95	143			
40/ 39		.3	.3	.2	.1													18	18	90	117			
38/ 37	.1	.0	.3	.3	.1													19	19	66	147			
36/ 35			.1	.1	.1													8	8	28	129			
34/ 33			.1	.0														4	4	13	85			
32/ 31																				14	64			
30/ 29																				7	39			
28/ 27																				1	25			
26/ 25																					33			
24/ 23																					23			
22/ 21																					16			
20/ 19																					3			
18/ 17																					4			
16/ 15																					2			
Element (X)	Σ X <sup>2</sup>		Σ X		X		X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

**DCT**

MONTH

1800-2000

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72 OCT  
STATION STATION NAME YEARS MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point		
78/ 77				.0	.1	.1	.0											1	1				
76/ 75			.0	.1	.1	.1	.0											10	10				
74/ 73			.3	.5	.0	.1	.1	.0			.0							26	26				
72/ 71		.5	.3	.5	.2	.2	.0			.0								43	43	2	1		
70/ 69	.0	.7	1.0	.6	.3	.4	.1		.0									72	72	32	8		
68/ 67	.1	1.2	1.0	.6	.3	.3	.1											82	82	43	37		
66/ 65	.3	1.2	1.7	1.3	.5	.3	.0											127	127	77	51		
64/ 63	.3	2.5	1.7	1.5	1.2	.3	.2	.0	.0									181	182	98	83		
62/ 61	.3	2.0	2.0	1.2	.4	.4	.2											150	152	127	94		
60/ 59	.3	2.2	2.3	1.6	.4	.8	.3	.1	.0									189	190	171	110		
58/ 57	.1	2.1	1.1	1.0	.9	.5	.3											141	141	153	115		
56/ 55	.5	1.7	2.0	1.6	1.4	.5		.0										177	177	161	161		
54/ 53		1.2	1.9	2.0	1.4	.2	.0											158	159	115	134		
52/ 51	.3	2.0	2.4	1.6	.9	.2	.1											174	176	140	116		
50/ 49	.1	1.5	2.2	2.5	.9	.1	.2											177	177	180	114		
48/ 47	.1	1.7	1.9	1.6	.6	.1												142	142	195	126		
46/ 45	.2	1.9	2.0	1.7	.2	.0												142	142	190	140		
44/ 43	.2	1.3	1.5	1.1	.6													109	109	169	163		
42/ 41		1.1	1.7	.9	.2													89	89	139	137		
40/ 39		.9	1.5	.5														68	68	118	169		
38/ 37	.0	.4	.6	.2														29	29	94	134		
36/ 35	.1	.3	.6	.2	.0													27	27	65	128		
34/ 33		.1	.3	.3	.1													18	18	23	96		
32/ 31		.2	.2		.0													9	9	25	67		
30/ 29		.2	.0															5	5	15	37		
28/ 27																				11	33		
26/ 25																				2	36		
24/ 23																				1	26		
22/ 21																					17		
20/ 19																					4		
16/ 15																					2		
14/ 13																					3		
12/ 11																					1		
6/ 5																					1		
Element (X)	Σ X <sup>2</sup>			Σ X			Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																							
Dry Bulb																							
Wet Bulb																							
Dew Point																							

## PSYCHROMETRIC SUMMARY

13806  
STATIC

FORT CAMPBELL KY/CAMPBELL AAF

43-45, 50-72

**YEARS**

OCT  
MONTH

**PAGE 2**

2100-2300  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

13806

FORT CAMPBELL KY/CAMPBELL AAF

43-44, 50-72

NOV

STATION

STATION NAME

**YEARS**

**MONTH**

PAGE 1

0000-0200

HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

NOV

**MONTH**

0000-0200

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-44,50-72 NOV  
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.O./W.B.	Dry Bulb	Wet Bulb	Dew Point				
74/ 73					.0													1	1						
72/ 71				.1														2	2						
70/ 69		.0	.2															5	5						
68/ 67	.0	.4	.1	.1														14	14	5					
66/ 65	.1	.4	.2	.1	.2		.1											28	28	20	13				
64/ 63	.0	.6	.2	.3	.3	.0												33	35	16	18				
62/ 61	.0	.6	.2	.3	.1	.1	.1		.0									34	34	20	14				
60/ 59	.2	.8	.7	.3	.1	.2	.0											51	51	26	24				
58/ 57	.1	1.0	.9	.6	.2	.2	.0											68	68	41	24				
56/ 55	.3	1.4	.8	.5	.5	.1												80	81	63	37				
54/ 53	.4	1.5	.5	.6	.3	.2	.1											79	79	72	63				
52/ 51	.2	1.1	.4	.9	.4	.4	.0											78	78	70	69				
50/ 49	.2	2.1	1.6	.6	.4	.2												113	117	72	47				
48/ 47	.3	1.9	1.0	.8	.4	.1												98	98	98	68				
46/ 45	.4	2.6	.9	.8	.6	.0												120	120	122	89				
44/ 43	.3	1.9	1.7	.9	.3													112	115	110	78				
42/ 41	.4	2.2	1.6	.9	.3													121	121	105	118				
40/ 39	.5	2.3	2.5	.7		.1												137	139	131	103				
38/ 37	.5	3.7	2.0	.4														148	149	157	101				
36/ 35	.4	3.7	1.8	.6														148	148	170	140				
34/ 33	.4	3.9	2.7	.4	.0													166	166	144	144				
32/ 31	.7	3.5	1.5	.3	.1													134	134	169	150				
30/ 29	.4	3.1	1.3	.0														108	108	143	152				
28/ 27	.0	3.8	.5	.1														101	102	123	136				
26/ 25	.5	2.6	.4															77	78	122	124				
24/ 23	.3	2.2	.2	.1														64	64	76	124				
22/ 21	.3	1.3	.1															38	38	52	122				
20/ 19	.2	1.0																27	28	42	71				
18/ 17	.1	.4																13	13	22	64				
16/ 15	.1	.3																8	8	10	40				
14/ 13	.1	.6																15	15	9	24				
12/ 11		.1																2	2	11	18				
10/ 9																				2	14				
8/ 7																					8				
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature												Total		
Rel. Hum.									≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total				
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

**MONTH**

PAGE 2      0300-0500  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
10 IN 71)



## PSYCHROMETRIC SUMMARY

13806  
STATIC

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44, 50-72

NOV  
MONTH

PAGE 1

0600-0800  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

NOV

**YEARS**

0600-0800

**HOURS (L. S. T.)**

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-44,50-72 NOV  
STATION STATION NAME YEARS MONTH  
PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
80/ 79								.0										1	1						
78/ 77					.0	.1		.0	.0									6	6						
76/ 75				.1	.1			.1	.0									10	10						
74/ 73		.0		.2	.0	.1	.3	.0	.0									17	17						
72/ 71		.0	.1	.3	.2	.3	.3	.3	.1									34	34	2					
70/ 69			.1	.2	.3	.4	.3	.1	.0	.1	.0							35	35	4	3				
68/ 67			.1	.2	.4	.7	.5	.3	.2	.1								55	55	15	2				
66/ 65	.0	.1	.4	.6	.4	.9	.6	.3	.1	.0								76	76	16	7				
64/ 63	.0	.1	.5	.4	.4	.7	.3	.4	.2	.0								68	68	17	16				
62/ 61		.4	.6	.3	.7	.8	.4	.4	.2									86	86	45	13				
60/ 59	.1	.7	.5	.6	.6	.8	.7	.6	.0									101	101	76	31				
58/ 57	.0	1.1	.4	.9	.8	.8	.8	.2										116	116	74	35				
56/ 55	.2	.7	.8	.8	1.1	1.2	.7	.3										130	130	87	76				
54/ 53	.1	1.1	.6	.9	.9	.5	.7	.2										116	116	100	64				
52/ 51	.1	1.1	1.0	1.0	1.2	1.0	.4											130	130	117	68				
50/ 49	.2	1.6	1.0	1.3	1.3	1.1	.2	.0										148	150	124	88				
48/ 47	.4	1.4	1.7	1.8	1.1	.8	.1											163	163	163	111				
46/ 45	.3	.9	1.3	1.4	1.3	.6	.1											133	133	178	110				
44/ 43	.4	.8	1.4	1.3	1.1	.2	.0											119	119	153	94				
42/ 41	.2	1.1	1.6	2.0	.5	.4	.0											131	131	157	111				
40/ 39	.3	1.2	1.8	1.9	.9	.1												141	141	158	125				
38/ 37		1.0	1.4	1.7	.3	.1												103	103	146	130				
36/ 35		.6	2.1	1.2	.1													90	90	139	151				
34/ 33	.0	.7	1.4	.5	.1													61	61	110	108				
32/ 31	.2	.9	.8	.3														50	51	138	135				
30/ 29	.0	.5	1.1															37	37	77	149				
28/ 27		.6	.8	.1														32	32	43	121				
26/ 25	.0	.2	.5															16	16	39	121				
24/ 23		.0	.3	.1														10	10	20	115				
22/ 21		.1	.2															7	7	8	64				
20/ 19			.1	.0														4	4	10	60				
18/ 17		.0	.1															3	3	8	29				
16/ 15		.1																2	2	4	34				
14/ 13		.1																2	2	3	15				
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

## PSYCHROMETRIC SUMMARY

NOV

**MONTH**

0900-1100

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

NOV  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

NGV  
MONTH

PAGE 2      1200-1400  
HOURS (L. S. T.)

[illegible]

**USAFETAC FORM 0-36-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-44,50-72 NOV  
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
82/ 81							.0		.1	.0								4	4					
80/ 79						.1	.1	.0	.1									8	8					
78/ 77						.0	.1	.3	.0	.1	.0							14	14					
76/ 75				.0	.1	.0	.1	.3	.1	.1	.2							22	22					
74/ 73				.0	.2	.4	.4	.3	.4	.2	.1	.0						45	45					
72/ 71			.0	.1	.3	.1	.6	.5	.4	.3		.0	.0					57	57					
70/ 69		.0	.1	.1	.5	.4	.5	.6	.4	.3	.1	.0						71	71	6				
68/ 67		.1	.1	.4	.5	.5	1.1	.3	.4	.4								85	85	12	1			
66/ 65		.2	.2	.6	.7	.9	.5	.6	.4	.5								104	104	17	9			
64/ 63		.4	.8	.4	.4	.6	.7	.5	.7	.2								106	106	40	15			
62/ 61	.0	.3	.5	.4	.2	.8	1.0	.8	.3	.0	.0							97	97	59	14			
60/ 59	.0	.9	.4	.6	.7	.9	.7	1.0	.4	.0	.0							127	127	96	30			
58/ 57		.4	.4	.4	.8	1.2	1.0	.8	.2	.0								117	117	107	69			
56/ 55	.0	.5	.5	.8	1.0	.9	1.4	.9	.1									137	137	100	59			
54/ 53	.3	.7	.7	.8	.6	1.4	1.2	.6										138	138	100	73			
52/ 51	.1	.4	.8	.9	1.0	1.0	1.5	.2										134	134	120	64			
50/ 49	.1	.4	.6	.9	1.3	1.1	1.0	.1										123	123	152	72			
48/ 47	.1	.8	.8	1.0	1.3	.8	.4	.1										119	119	153	78			
46/ 45	.2	.7	.7	1.1	.7	1.4	.4	.1										119	119	159	116			
44/ 43	.3	.4	.8	1.0	1.3	.5	.1	.0										100	100	165	111			
42/ 41	.1	.8	1.3	1.6	1.3	.3	.0											120	120	152	94			
40/ 39		.9	1.6	1.1	1.1	.1												107	108	164	101			
38/ 37		.8	.9	1.2	.4	.1												77	78	144	120			
36/ 35		.5	1.0	.9	.3													63	63	141	129			
34/ 33		.7	.5	.7	.1													45	45	99	123			
32/ 31	.1	.4	.3	.4	.0													28	28	100	142			
30/ 29	.1	.5	.6	.0	.0													29	29	59	135			
28/ 27	.1	.4	.3	.1														21	21	41	118			
26/ 25	.0	.0	.2	.1														8	8	25	123			
24/ 23		.1	.1	.1														6	6	8	126			
22/ 21		.0	.1	.0														4	4	6	77			
20/ 19		.1	.1															4	4	6	77			
18/ 17		.1																2	2	6	64			
16/ 15																				4	30			
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

1500-1700  
1,748 (L. S. T.)

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
11/71



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-44,50-72 NOV  
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
76/ 75					.1	.0	.1	.1	.0									5	5						
74/ 73				.1	.0	.1	.1	.0										8	8						
72/ 71		.0	.1	.0	.0			.0										6	6						
70/ 69	.0	.1	.1	.3	.0	.1	.0	.1										20	20	3	3				
68/ 67		.0	.1	.2	.1	.2	.0		.0									19	19	9					
66/ 65		.4	.3	.4	.6	.3	.3	.0	.0									56	56	12	10				
64/ 63		.1	.6	.9	1.0	.6	.1	.0		.0								74	74	19	11				
62/ 61	.0	.5	.4	.4	.6	.4	.1	.1		.0								59	59	27	11				
60/ 59	.0	1.1	.4	.5	.9	.5	.3	.2	.0									93	94	42	21				
58/ 57	.1	1.3	.5	.7	1.3	.5	.6	.3										118	118	90	46				
56/ 55		1.1	.6	.7	1.0	.7	.4	.2										105	105	90	54				
54/ 53	.1	1.1	.8	.8	.9	1.0	.3	.0										111	111	72	69				
52/ 51	.1	1.0	.9	1.1	1.5	1.1	.3											133	133	100	73				
50/ 49	.1	.6	1.2	.9	1.1	.9	.1											107	107	86	69				
48/ 47	.2	1.2	1.4	1.2	1.7	.8	.0											144	144	115	68				
46/ 45	.0	1.9	1.3	2.0	1.3	.6	.1											163	163	153	90				
44/ 43	.3	1.3	2.0	1.5	1.1	.4	.2											153	153	156	103				
42/ 41	.1	1.1	1.9	2.2	1.3	.4												158	158	156	120				
40/ 39	.4	1.7	2.6	1.7	.8	.0												162	162	184	100				
38/ 37	.1	1.1	2.3	1.3	.4													117	117	165	102				
36/ 35	.2	1.3	1.7	1.2	.2													103	105	185	132				
34/ 33	.0	1.1	2.1	.8	.0													91	91	137	158				
32/ 31		1.1	1.3	.3														61	61	122	171				
30/ 29	.1	1.2	1.5	.4														71	71	103	141				
28/ 27	.1	.8	.8	.0														38	38	92	109				
26/ 25		.4	.2	.1														15	15	46	130				
24/ 23	.0	.2	.1															6	8	24	130				
22/ 21	.0	.4	.1															12	12	9	93				
20/ 19		.1	.1															5	5	11	60				
18/ 17		.4	.1															13	13	6	51				
16/ 15			.0															1	1	12	31				
14/ 13																				3	31				
12/ 11																					11				
10/ 9	.0																	1	1		10				
Element (X)	Σ X'			Σ X			Σ			Σ <sub>x</sub>			No. Obs.			Mean No. of Hours with Temperature									
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									

## PSYCHROMETRIC SUMMARY

NOV  
MONTH

1800-2000  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

43-44, 50-72

NOV

STATION STATION NAME

YEARS

MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL																																	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																																	
76/ 75					.1		.1												3	3																																			
74/ 73					.1	.1	.0												7	7																																			
72/ 71				.1															2	2																																			
70/ 69		.2	.1	.1			.0												10	10	2	2																																	
68/ 67		.2	.4	.1	.1	.1	.0												21	21	3	1																																	
66/ 65		.1	.3	.3	.4	.1	.0												28	28	18	9																																	
64/ 63	.0	.3	.3	.3	.7	.1	.2	.1											46	46	19	10																																	
62/ 61		.4	.3	.6	.8	.0	.0												47	47	20	15																																	
60/ 59	.2	.5	.5	.4	.6	.3	.0	.1	.0										59	62	25	21																																	
58/ 57		1.1	.6	1.3	.5	.2	.1	.1											87	87	53	26																																	
56/ 55	.4	1.0	.9	.5	.6	.4	.0	.0											97	87	76	41																																	
54/ 53	.2	1.1	.8	.9	.8	.4	.3												102	102	67	55																																	
52/ 51	.2	1.0	.9	1.3	.9	.7	.2												115	115	101	67																																	
50/ 49	.0	1.1	1.3	1.2	.7	.2	.0												104	104	65	72																																	
48/ 47	.1	1.3	1.3	1.1	.3	.5													103	103	95	83																																	
46/ 45	.1	1.9	1.3	1.9	1.2	.3													149	151	144	64																																	
44/ 43	.3	2.2	2.2	1.1	.9	.1	.1												154	155	136	81																																	
42/ 41	.3	1.3	1.9	1.4	.8	.1													131	131	140	111																																	
40/ 39	.6	2.5	2.7	1.7	.2	.1													174	175	148	119																																	
38/ 37	.4	2.5	3.0	1.7	.4														176	176	173	137																																	
36/ 35	.2	3.4	1.8	1.0	.2														148	148	204	122																																	
34/ 33	.3	2.0	2.6	.8															125	125	181	145																																	
32/ 31		1.5	1.7	.4															81	83	131	176																																	
30/ 29	.1	2.3	1.3	.2															87	89	122	151																																	
28/ 27	.0	2.4	.7	.1															72	72	108	109																																	
26/ 25		1.5	.4																41	41	78	127																																	
24/ 23		.7	.1																19	19	49	142																																	
22/ 21	.1	.5		.1															17	17	24	110																																	
20/ 19		.3	.0																8	8	15	61																																	
18/ 17	.1	.6	.1																17	17	9	59																																	
16/ 15		.3	.1																8	8	15	40																																	
14/ 13																					7	30																																	
12/ 11																						12																																	
10/ 9																						10																																	
Element (X)	Σ X <sup>2</sup>					Σ X					X̄					s <sub>x</sub>					No. Obs.					Mean No. of Hours with Temperature																													
Rel. Hum.																					≤ 0 F					≤ 32 F					≥ 67 F					≥ 73 F					≥ 80 F					≥ 93 F					Total				
Dry Bulb																																																							
Wet Bulb																																																							
Dew Point																																																							

## PSYCHROMETRIC SUMMARY

43-44, 50-72

NOV

PAGE 2

2100-2300  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44, 50-72  
YEARS

DEC  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
72/ 71			.0	.1														3	3						
68/ 67			.0	.2														6	6	1					
66/ 65			.2	.2	.1													11	11	2					
64/ 63		.2	.4	.3	.0													21	21	3	3				
62/ 61	.0	.3	.1	.0	.1													14	14	15	4				
60/ 59	.3	.7	.3	.1	.0													30	30	32	29				
58/ 57	.3	.8	.2	.1	.1	.0	.0	.0										34	35	32	24				
56/ 55	.8	.7	.2	.1	.2	.3	.2											58	58	45	45				
54/ 53	.5	.3	.3	.3	.2	.2	.1											43	43	33	40				
52/ 51	.4	.9	.4	.4	.3	.1												59	59	22	24				
50/ 49	.6	.8	.6	.2	.1	.2												58	58	49	38				
48/ 47	.4	1.3	.6	.6	.2	.3												79	84	62	38				
46/ 45	.5	1.0	.7	1.0	.4	.2												85	88	77	45				
44/ 43	.3	1.0	.7	.7	.4	.2												77	82	65	47				
42/ 41	.8	1.7	1.2	.7	.3													105	106	89	65				
40/ 39	1.0	1.7	1.6	.6	.3	.1												122	122	110	79				
38/ 37	.6	3.1	1.4	.6	.1													133	134	124	83				
36/ 35	.8	3.7	1.7	.5														152	153	152	90				
34/ 33	1.0	3.8	2.3	.3														170	170	162	131				
32/ 31	.6	3.5	2.3	.5														157	158	165	135				
30/ 29	.4	4.8	2.2	.4														179	179	168	180				
28/ 27	.4	3.7	1.5	.0														128	128	173	126				
26/ 25	.4	4.2	1.0	.1	.0													134	134	146	122				
24/ 23	.3	3.9	.6	.0														109	109	138	136				
22/ 21	.4	3.1	.6															93	93	118	153				
20/ 19	.6	2.4	.2															73	74	108	117				
18/ 17	.3	1.5	.2															46	46	65	123				
16/ 15	.3	1.0	.1															33	33	30	119				
14/ 13	.3	1.0	.0															33	33	46	72				
12/ 11	.2	.7																22	22	23	55				
10/ 9	.2	.3																11	11	19	43				
8/ 7																				6	35				
6/ 5	.0	.1																3	3	2	26				
4/ 3	.0																	1	1	2	27				
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

43-44, 50-72

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0000-0200

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-44,50-72

DEC  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
72/ 71				.0														1	1					
68/ 67			.1															3	3	1				
66/ 65		.0	.1	.4														13	13					
64/ 63		.1	.5	.1	.0													17	17	6				
62/ 61	.1	.3	.2		.1													15	15	8				
60/ 59	.1	.4	.3															18	18	28				
58/ 57	.2	.8	.3	.2	.1													35	36	31				
56/ 55	.3	1.4	.4	.0	.1	.2	.0											58	58	34				
54/ 53	.3	.8	.2	.3	.2	.0												42	42	47				
52/ 51	.3	.7	.2	.4	.4	.0	.0											46	46	31				
50/ 49	.7	1.1	.7	.4	.4	.0												74	74	46				
48/ 47	.3	1.6	1.0	.5	.2	.3												90	93	59				
46/ 45	.1	.9	.4	.6	.1													49	51	61				
44/ 43	.5	.9	.5	.6	.4	.2												70	75	73				
42/ 41	.6	1.0	.7	.8	.1													73	75	65				
40/ 39	1.4	2.0	1.7	.5	.0	.1												129	129	98				
38/ 37	.7	2.7	1.2	.7	.0													120	123	108				
36/ 35	1.1	3.1	2.5	.7														167	172	144				
34/ 33	1.4	4.1	1.2	.3														158	158	162				
32/ 31	1.1	4.5	1.3	.4														165	165	189				
30/ 29	.5	4.8	2.2	.1														174	174	170				
28/ 27	.3	3.8	1.1	.1														119	119	152				
26/ 25	.7	4.1	.6	.1	.0													126	126	132				
24/ 23	.4	4.1	.5															114	114	144				
22/ 21	.5	3.4	.4															98	98	112				
20/ 19	.7	3.3	.4															100	100	114				
18/ 17	.9	1.8	.5															71	72	95				
16/ 15	.1	1.6	.0															40	40	37				
14/ 13	.1	.7	.1															20	20	45				
12/ 11	.4	.9																31	31	30				
10/ 9	.3	.9																27	27	27				
8/ 7	.2	.2																8	8	20				
6/ 5																				2				
4/ 3	.1	.0																3	3	2				
Element (X)	$\Sigma X^2$			$\Sigma X$			$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

## PSYCHROMETRIC SUMMARY

13806  
STATIC

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44, 50-72

YEARS

DEC  
MONTH

PAGE 2

0300-0500  
HOURS (L. S. T.)

[illegible]



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# PSYCHROMETRIC SUMMARY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44,50-72  
YEARS

DEC  
MONTH

PAGE 1

0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
70/ 69			.0															1	1				
66/ 65		.1	.2	.4	.0													16	16	1			
64/ 63		.0	.4	.1	.0													13	13	4			
62/ 61		.2	.3	.0	.1													15	15	9	6		
60/ 59		.6	.0															14	14	27	7		
58/ 57	.3	.8	.3	.3	.0													41	42	25	39		
56/ 55	.5	1.2	.3	.2	.2	.0												55	55	35	33		
54/ 53	.2	1.2	.4	.2	.2													51	51	42	32		
52/ 51	.5	.6	.5	.4	.3	.0												56	56	53	39		
50/ 49	.4	1.5	.4	.3	.0	.1												65	65	53	50		
48/ 47	.6	1.7	.4	.2	.1	.1												72	73	77	52		
46/ 45	.3	.9	.5	.5	.1	.0												55	60	59	65		
44/ 43	.3	.9	.4	.3	.3	.0												56	57	51	46		
42/ 41	.7	1.7	1.2	.8	.3	.1												112	115	57	58		
40/ 39	1.1	1.7	1.2	.5	.0	.1												107	108	93	75		
38/ 37	1.1	2.2	.9	.9	.1													121	122	127	69		
36/ 35	.8	3.9	1.9	.7														169	170	126	79		
34/ 33	1.3	4.1	2.3	.3	.0													184	186	163	110		
32/ 31	1.2	4.6	1.3	.2														168	168	195	175		
30/ 29	.7	4.6	1.6															158	158	195	141		
28/ 27	.3	4.1	1.0	.2														129	129	143	138		
26/ 25	.9	3.6	.8	.0	.0													123	123	138	153		
24/ 23	.5	4.1	.5	.0														118	118	129	124		
22/ 21	.5	3.3	.2															91	91	123	118		
20/ 19	.9	2.8	.3	.0														92	93	102	126		
18/ 17	.5	1.7	.1															51	51	80	117		
16/ 15	.3	1.6	.2															48	48	41	100		
14/ 13	.2	1.0	.0															30	30	49	97		
12/ 11	.2	1.0																29	29	30	47		
10/ 9	.4	.8																29	29	33	42		
8/ 7	.2	.3																12	12	18	40		
6/ 5	.1	.1																5	5	7	34		
4/ 3	.2																	5	5	6	21		
2/ 1																					24		
Element (X)	Σ X <sup>2</sup>		Σ X		X		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

43-44, 50-72

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
0/-1	.0	.0																2	2	1	16		
-2/-3	.0	.0																2	2	2	11		
-4/-5	.1	.0																3	3	4	4		
-6/-7	.0																	1	1	1	1		
-8/-9																					3		
-10/-11																					3		
-12/-13																					4		
TOTAL	15.7	57.1	17.7	6.7	2.2	.6													2316		2299		
																		2299		2299			

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF

43-44, 50-72

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point					
70/ 69			.1	.1	.1		.0											9	9							
68/ 67			.1	.3	.0													11	11							
66/ 65			.3	.5	.2			.0	.0									24	24	2						
64/ 63		.1	.5	.2	.1	.1		.0										24	24	7	2					
62/ 61		.5	.4	.4	.3	.1	.0											38	38	27	6					
60/ 59	.0	.4	.3	.5	.3	.1	.1	.1										43	43	32	19					
58/ 57	.4	.5	.4	.3	.4	.1	.3	.0										61	61	43	37					
56/ 55	.5	.5	.3	.5	.5	.3	.1	.0										60	60	39	50					
54/ 53	.3	1.0	.6	.2	.2	.6	.2											72	72	57	36					
52/ 51	.3	1.1	.8	.4	.6	.4	.2	.0										88	88	60	53					
50/ 49	.2	1.2	.6	.6	.7	.4	.1	.1										92	92	63	47					
48/ 47	.3	.9	.7	1.0	1.0	.5	.2											110	110	82	59					
46/ 45	.5	.7	.8	1.2	1.3	.4	.0											113	113	74	52					
44/ 43	.3	1.4	1.0	1.0	.9	.1												110	110	102	69					
42/ 41	1.1	1.5	1.1	1.2	.7	.1												132	132	121	74					
40/ 39	.7	1.9	2.8	1.8	.5	.3												185	186	144	77					
39/ 37	.6	2.3	2.1	1.5	.3	.0												160	160	162	97					
36/ 35	.4	2.6	2.5	1.4	.2													165	165	202	109					
34/ 33	.6	3.1	2.6	1.0	.1													171	171	176	116					
32/ 31	.5	2.2	2.5	.7	.0													137	137	187	180					
30/ 29	.2	2.5	1.9	.6	.2													126	126	177	172					
28/ 27	.0	2.4	1.6	.1														97	97	130	142					
26/ 25	.0	1.7	1.7	.2	.0													84	84	110	166					
24/ 23	.0	1.5	.9	.0														58	58	87	125					
22/ 21		1.1	.6	.0														41	41	75	133					
20/ 19	.0	.7	.5															29	29	46	95					
18/ 17	.1	.6	.4															27	27	32	78					
16/ 15	.0	.6	.1															18	18	26	73					
14/ 13		.5	.0															12	12	21	61					
12/ 11	.0	.4	.0															12	12	18	45					
10/ 9	.0	.1																3	3	9	38					
8/ 7		.0																1	1	1	28					
6/ 5																				1	22					
4/ 3		.0																1	1	1	16					
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										
Mean No. of Hours with Temperature																										
Σ 0 F   Σ 32 F   Σ 67 F   Σ 73 F   Σ 80 F   Σ 93 F   Total																										

## PSYCHROMETRIC SUMMARY

**YEARS**

PAGE 2

0900-1100  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
11 IN 71

## PSYCHROMETRIC SUMMARY

13806	FORT CAMPBELL KY/CAMPBELL AAF
STATION	STATION NAME

43-44, 50-72

DEC

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
78/ 77								.0										1	1					
76/ 75						.0												1	1					
74/ 73		.0				.0												2	2					
72/ 71					.1	.3	.0	.0	.0	.0								14	14	1	1			
70/ 69				.1	.6	.1	.0	.0										19	19					
68/ 67			.0	.2	.3	.1	.1		.1	.0								21	21					
66/ 65		.1	.4	.5	.4	.3	.1	.3	.1	.0								54	54	2				
64/ 63		.1	.2	.3	.4	.4	.2	.3	.2	.0								51	51	20				
62/ 61		.1	.2	.5	.1	.4	.3	.3	.5	.0								59	59	35	10			
60/ 59	.3	.5	.5	.5	.1	.6	.8	.3	.2									90	90	36	24			
58/ 57	.1	.4	.5	.6	.4	.7	.8	.2										86	86	45	46			
56/ 55	.1	.9	.3	.2	.6	.8	.6	.3	.1									93	93	59	35			
54/ 53	.4	.6	.3	.5	.4	.8	.5	.1	.0									87	87	71	44			
52/ 51	.2	1.1	.4	.5	1.0	1.2	.6	.2										119	120	73	57			
50/ 49	.3	.7	.5	.5	.9	1.4	.8	.1										121	121	78	63			
48/ 47	.2	.6	.5	.7	1.4	1.0	.1	.0										103	103	116	42			
46/ 45	.5	.9	.6	1.2	1.3	.5	.3											120	120	113	58			
44/ 43	.4	1.6	.9	1.4	1.5	.4	.0											144	144	128	75			
42/ 41	1.0	1.1	1.4	1.4	1.2	.5	.0											153	153	163	91			
40/ 39	.4	1.7	1.7	1.7	1.5	.3												170	170	164	88			
38/ 37	.1	1.7	1.0	2.2	1.0	.0												141	141	190	86			
36/ 35	.2	1.3	1.3	2.2	.5													128	128	158	113			
34/ 33	.6	1.5	1.9	1.2	.4	.1												132	132	151	128			
32/ 31	.1	1.3	2.3	1.0	.3													115	115	175	177			
30/ 29		1.4	1.7	1.1														96	96	149	136			
28/ 27	.2	.8	1.3	.3														61	61	124	138			
26/ 25		.5	1.2	.4														48	48	80	140			
24/ 23		.3	.6	.2														27	27	63	156			
22/ 21		.0	.6															15	15	39	131			
20/ 19			.8	.0														19	19	22	92			
18/ 17		.2	.3															11	11	25	76			
16/ 15		.1																3	3	17	61			
14/ 13		.0	.0															2	2	8	69			
12/ 11		.1																3	3	4	53			
Element (X)	Σ x <sup>2</sup>			Σ x			x̄			σ <sub>x</sub>			No. Obs.			Mean No. of Hours with Temperature								
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																								
Wet Bulb																								
Dew Point																								

## PSYCHROMETRIC SUMMARY

DEC  
MONTH

PAGE 2      1200-1400  
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-44,50-72

DEC  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.O.W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77							.0											1	1		
76/ 75						.0												1	1		
74/ 73						.0												1	1		
72/ 71					.0	.1			.0									4	4		
70/ 69				.1	.1	.2		.0										11	11		
68/ 67				.3	.3	.1	.1	.0										22	22		
66/ 65		.0	.3	.5	.0	.3	.2	.0	.2	.1								38	38	3	
64/ 63		.3	.3	.2	.4	.3	.2	.3	.1	.2								55	55	8	
62/ 61		.3	.2	.6	.4	.1	.2	.3	.0									46	46	33	
60/ 59	.2	.5	.1	.4	.3	.5	.4	.4	.1	.0								68	68	39	20
58/ 57	.1	.5	.7	.3	.3	.5	.3	.6										79	79	32	48
56/ 55	.2	1.4	.3	.3	.6	.7	.6	.4	.1									108	108	61	37
54/ 53	.4	.5	.4	.4	.8	.6	.5	.1										84	84	80	41
52/ 51	.4	.4	.9	.4	.8	1.1	.6	.0										106	106	57	63
50/ 49	.3	.6	.3	.7	1.0	.9	.5											102	102	68	50
48/ 47	.3	.6	.5	.9	1.4	.9	.3	.0										112	113	109	46
46/ 45	.4	1.0	.5	1.4	1.3	.7	.1											124	125	98	59
44/ 43	.5	1.5	.9	1.7	1.3	.8	.0											158	158	129	48
42/ 41	.4	1.2	.7	1.5	1.1	.4												122	124	149	83
40/ 39	.3	1.6	2.6	1.9	1.2	.3												181	181	164	82
38/ 37	.4	1.6	1.9	1.6	1.0	.2												155	155	181	101
36/ 35	.5	1.7	2.0	2.0	.6	.0												157	157	176	120
34/ 33	.6	1.6	2.0	1.3	.4													138	138	192	129
32/ 31	.2	1.0	2.3	1.1	.4													116	116	152	174
30/ 29	.0	1.0	2.1	.8	.0													93	93	161	143
28/ 27	.2	1.3	1.9	.5	.0													91	91	121	134
26/ 25	.0	1.3	.8	.4														61	61	108	158
24/ 23		.3	.6	.1														24	24	86	147
22/ 21		.2	.6	.0														20	20	26	128
20/ 19		.1	.6															16	16	33	103
18/ 17		.2	.3															10	10	26	88
16/ 15		.2																5	5	8	76
14/ 13		.0																1	1	10	57
12/ 11		.1																3	3	1	48
Element (X)	Σ X <sup>2</sup>			Σ X			Σ	Σ	No. Obs.			Mean No. of Hours with Temperature									
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
J. AFETAC JUN 71

3477 54323

<u>13806</u>	<u>FORT CAMPBELL KY/CAMPBELL AAF</u>	<u>43-44,50-72</u>
STATION	STATION NAME	

DEC  
MONTH

PAGE 2      1500-1700  
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
72/ 71					.0													1	1													
70/ 69			.0		.1													3	3													
68/ 67			.1	.2	.1													9	9													
66/ 65			.1	.4														11	11	2												
64/ 63		.2	.4	.1														16	16	2	3											
62/ 61	.0	.5	.1	.1	.3	.1			.0									26	26	19	4											
60/ 59	.2	.4	.5	.2	.2	.0	.1	.2										43	43	32	18											
58/ 57	.1	.8	.6	.1	.2		.2											46	46	18	26											
56/ 55	.5	1.3	.5	.2	.2	.2	.2	.1										73	73	53	40											
54/ 53	.5	.8	.6	.0	.3	.3												56	57	59	45											
52/ 51	.5	.7	.5	.3	.5	.4	.1	.0										71	72	55	51											
50/ 49	.2	.9	.7	.9	.9	.4	.0											93	95	53	48											
48/ 47	.8	.8	.9	.9	1.0	.3												107	108	57	53											
46/ 45	.5	1.0	1.0	1.3	.7	.2												105	105	90	55											
44/ 43	.6	.5	1.4	1.7	.9	.1												121	124	87	46											
42/ 41	.3	1.4	1.7	1.1	.7													117	117	105	59											
40/ 39	.5	1.9	2.4	1.6	.7													163	164	144	58											
38/ 37	.6	2.1	2.6	1.7	.1	.0												163	165	167	88											
36/ 35	.5	2.7	2.4	1.6	.2	.0												172	172	165	126											
34/ 33	1.0	2.6	3.0	1.1	.3													182	182	188	134											
32/ 31	.7	2.0	3.1	.7	.1													152	152	184	175											
30/ 29	.1	2.2	2.9	.5	.1													134	134	165	143											
28/ 27		2.3	2.4	.2														112	112	156	144											
26/ 25	.2	2.8	2.3															122	122	147	140											
24/ 23	.1	1.4	.8															52	52	125	123											
22/ 21	.1	1.0	.4															34	34	70	169											
20/ 19	.0	.7	.5															30	30	39	128											
18/ 17		1.0	.4															33	33	33	85											
16/ 15		.5	.3															18	18	29	83											
14/ 13		.4	.0															10	10	23	64											
12/ 11		.3																6	6	9	44											
10/ 9	.0	.0																2	2	6	25											
8/ 7	.0	.0																2	2	3	34											
6/ 5	.0																	1	1	1	31											
Element (X)	Σ x <sup>2</sup>			Σ x			x̄			σ <sub>x</sub>			No. Obs.			Mean No. of Hours with Temperature																
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																																
Wet Bulb																																
Dew Point																																

## PSYCHROMETRIC SUMMARY

DEC  
MONTH

1800-2000

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-44,50-72 DEC  
STATION STATION NAME YEARS MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
72/ 71				.0														1	1					
70/ 69				.1	.0													3	3					
68/ 67			.1	.1	.0													6	6					
66/ 65		.1	.2	.4														17	17	3				
64/ 63		.1	.3	.4	.0													19	19	6	3			
62/ 61		.4	.1	.2	.1	.0												20	20	15	4			
60/ 59	.1	.7	.4	.1		.1		.0										34	34	30	21			
58/ 57	.1	1.2	.4	.1	.0	.0	.0											49	49	35	30			
56/ 55	.4	.7	.3	.1	.3	.4	.3	.0										56	58	49	51			
54/ 53	.4	.4	.4	.2	.0	.2	.1											38	38	39	42			
52/ 51	.1	.9	.3	.5	.3	.1	.1											52	52	23	24			
50/ 49	.3	1.0	.9	.6	.6	.1	.0											80	81	50	40			
48/ 47	.9	1.0	.7	.7	.7	.1												91	93	59	45			
46/ 45	.3	.9	.9	1.1	.4	.2												89	89	87	42			
44/ 43	.5	.8	1.3	.4	.3	.1												81	87	70	54			
42/ 41	.9	1.4	1.9	.7	.7	.0												132	134	98	68			
40/ 39	.7	2.1	2.1	.4	.5	.0												134	134	133	62			
38/ 37	.8	2.7	2.2	.6	.2													150	151	152	85			
36/ 35	.7	2.5	2.4	.8	.1													148	148	146	135			
34/ 33	.7	3.3	3.1	.3	.1													174	174	159	130			
32/ 31	1.0	3.5	2.4	.7	.1													175	175	203	136			
30/ 29	.3	3.6	3.2	.4														172	172	175	172			
28/ 27	.2	3.0	2.3	.1														127	127	159	125			
26/ 25	.3	3.7	1.2	.1														121	121	168	136			
24/ 23	.3	3.2	1.0															104	104	135	133			
22/ 21	.1	2.4	.5															68	68	98	127			
20/ 19	.2	1.5	.3															45	45	72	127			
18/ 17	.1	.9	.1															27	27	49	134			
16/ 15	.0	1.0	.2															29	29	24	109			
14/ 13		.8	.1															22	22	32	63			
12/ 11		.3	.0															8	8	17	58			
10/ 9	.1	.3																10	10	13	22			
8/ 7		.0																1	1	4	36			
6/ 5	.0																	1	1	1	22			
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-44,50-72

DEC  
MONTH

PAGE 2 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
4 / 3	.1																	2	3	2	22	
2 / 1																			2		8	
0 / -1																					11	
-2 / -3		.0																1	1		6	
-4 / -5	.0																	1	1	2	1	
-6 / -7	.0																	1	1	1		
-8 / -9																					1	
-12 / -13																					3	
TOTAL	9.8	44.8	29.3	9.4	4.6	1.4	.5	.1										2289	2306	2289	2288	

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72

STATION		STATION NAME												YEARS	
HRS (L.S.T.)		JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	32.3	35.1	42.2	52.7	60.1	67.9	71.0	69.7	63.3	52.2	42.1	35.1	52.2	
	S.D.	13.061	11.898	11.615	10.395	8.070	6.374	5.133	5.305	7.597	9.614	11.544	12.153	16.860	
	TOTAL OBS	2201	2022	2220	2162	2221	2167	2359	2408	2245	2355	2244	2310	26914	
03-05	MEAN	31.1	33.6	40.3	50.7	58.0	66.1	69.1	67.7	61.5	50.2	40.5	34.0	50.5	
	S.D.	13.401	12.152	11.758	10.693	8.342	6.431	5.369	5.581	7.964	9.934	11.804	12.391	16.825	
	TOTAL OBS	2208	2020	2221	2160	2227	2166	2356	2408	2246	2356	2240	2306	26914	
06-08	MEAN	30.8	33.6	41.5	53.7	63.2	71.7	74.2	72.1	64.9	52.6	40.8	33.9	53.0	
	S.D.	13.594	12.179	11.871	10.445	8.591	6.982	5.675	6.241	8.130	10.038	11.702	12.417	18.591	
	TOTAL OBS	2216	2021	2219	2161	2220	2165	2353	2412	2246	2351	2242	2316	26922	
09-11	MEAN	35.9	39.9	48.8	61.8	71.5	79.7	82.6	81.6	75.2	64.0	48.9	39.5	61.1	
	S.D.	13.017	12.155	12.250	10.768	9.118	7.472	5.978	6.395	7.851	9.873	11.632	11.732	19.613	
	TOTAL OBS	2212	2020	2218	2161	2219	2169	2352	2417	2243	2350	2240	2318	26919	
12-14	MEAN	40.8	44.9	53.5	66.1	75.2	83.3	86.2	85.6	79.6	69.4	53.9	44.0	65.5	
	S.D.	13.142	12.540	12.635	11.204	9.364	7.706	6.332	6.628	8.097	10.032	12.408	11.866	19.424	
	TOTAL OBS	2211	2017	2222	2161	2222	2168	2355	2411	2246	2352	2243	2313	26921	
15-17	MEAN	40.8	45.3	54.0	66.4	75.1	83.0	85.6	85.0	78.8	67.9	52.4	42.9	65.1	
	S.D.	12.894	12.376	12.533	11.130	9.195	7.668	6.551	6.529	8.046	9.957	12.078	11.539	19.270	
	TOTAL OBS	2217	2017	2220	2163	2222	2169	2366	2409	2250	2351	2246	2321	26951	
18-20	MEAN	36.4	40.2	48.7	60.5	69.1	77.1	79.6	77.9	70.6	59.1	46.4	38.5	59.0	
	S.D.	12.539	11.739	11.572	10.370	8.490	7.029	6.106	5.912	7.523	9.095	11.068	11.226	18.280	
	TOTAL OBS	2207	2014	2221	2158	2222	2171	2355	2410	2245	2350	2235	2301	26889	
21-23	MEAN	34.0	37.1	44.8	55.7	63.4	71.1	73.9	72.4	65.7	54.6	43.4	36.5	54.7	
	S.D.	12.779	11.780	11.314	10.128	7.901	6.137	5.254	5.183	7.317	9.262	11.211	11.742	17.136	
	TOTAL OBS	2208	2020	2218	2163	2217	2171	2359	2410	2250	2353	2242	2306	26917	
ALL HOURS	MEAN	35.3	38.7	46.7	58.5	66.9	75.0	77.8	76.5	69.9	58.8	46.1	38.0	57.6	
	S.D.	13.571	12.866	12.955	12.085	10.679	9.398	8.492	8.867	10.292	11.998	12.668	12.429	19.089	
	TOTAL OBS	17680	16151	17759	17289	17770	17346	18855	19285	17971	18818	17932	18491	215347	

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72

STATION		STATION NAME												HRS	
HRS (L.S.T.)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	30.2	32.7	38.6	48.2	56.5	64.5	67.7	66.3	60.0	49.0	38.9	32.7	49.0	
	S D	12.517	11.387	10.838	9.618	7.828	5.856	4.925	5.325	7.566	9.556	10.855	11.596	16.344	
	TOTAL OBS	2199	2018	2219	2162	2197	2167	2326	2398	2245		2233	2292	26798	
03-05	MEAN	29.2	31.6	37.3	46.9	55.1	63.4	66.5	65.1	58.9		37.8	31.8	47.9	
	S D	12.372	11.716	11.032	10.009	8.180	6.055	5.234	5.618	7.937	9.832	11.209	11.903	16.467	
	TOTAL OBS	2204	2017	2220	2160	2203	2165	2323	2398	2243	2339	2226	2284	26782	
06-08	MEAN	29.0	31.7	38.3	49.1	58.3	66.6	69.3	67.7	61.0	49.2	38.1	31.9	49.4	
	S D	13.078	11.781	11.113	9.762	7.876	5.715	4.818	5.388	7.643	9.699	11.102	11.978	17.362	
	TOTAL OBS	2215	2018	2215	2160	2195	2164	2322	2403	2243	2336	2232	2299	26802	
09-11	MEAN	32.8	35.9	42.8	53.2	62.0	69.5	72.3	71.4	65.5	55.3	43.2	35.9	53.6	
	S D	12.231	11.201	10.705	9.271	7.594	5.617	4.579	4.798	6.573	8.686	10.248	11.017	16.739	
	TOTAL OBS	2210	2018	2218	2159	2192	2169	2325	2408	2241	2347	2237	2317	26840	
12-14	MEAN	36.0	39.0	45.2	55.0	63.3	70.4	73.0	72.0	66.7	57.2	45.7	38.6	55.4	
	S D	11.671	10.777	10.185	8.851	7.201	5.418	4.631	4.563	6.317	8.420	10.105	10.597	15.822	
	TOTAL OBS	2210	2017	2222	2159	2195	2168	2328	2402	2244	2352	2240	2312	26849	
15-17	MEAN	35.9	39.2	45.4	54.9	63.1	70.1	72.6	71.6	66.3	56.5	44.8	37.9	55.1	
	S D	11.450	10.463	9.884	8.643	7.068	5.210	4.526	4.436	6.222	8.389	10.098	10.441	15.721	
	TOTAL OBS	2216	2017	2220	2162	2194	2166	2340	2403	2250	2351	2244	2317	26882	
18-20	MEAN	33.2	36.1	42.6	52.4	61.2	68.7	71.3	69.9	63.6	52.8	41.5	35.1	52.6	
	S D	11.800	10.758	10.091	8.826	7.228	5.407	4.602	4.787	6.790	8.868	10.169	10.722	16.280	
	TOTAL OBS	2207	2012	2221	2158	2195	2171	2327	2404	2245	2348	2232	2289	26809	
21-23	MEAN	31.5	34.1	40.4	50.0	58.5	66.4	69.2	67.7	61.4	50.5	39.0	33.8	50.5	
	S D	12.179	11.065	10.437	9.270	7.473	5.546	4.782	5.072	7.199	9.278	10.399	11.175	16.289	
	TOTAL OBS	2208	2015	2218	2163	2190	2171	2327	2403	2250	2346	2231	2289	26811	
ALL HOURS	MEAN	32.2	35.0	41.3	51.2	59.8	67.4	70.3	69.0	62.9	52.3	41.2	34.7	51.7	
	S D	12.502	11.505	10.941	9.728	8.113	6.123	5.272	5.576	7.599	9.745	10.914	11.456	16.604	
	TOTAL OBS	17669	16132	17753	17282	17561	17343	18618	19219	17961	18761	17875	18399	214573	

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72

STATION		STATION NAME												YEARS	
HRS (LST.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00-02	MEAN	25.7	28.2	33.6	43.8	54.0	62.7	66.1	64.5	57.9	45.9	34.5	28.4	45.7	
	S.D.	14.382	13.214	12.495	10.874	8.780	6.244	5.501	6.054	8.444	10.944	12.349	13.261	18.040	
	TOTAL OBS	2199	2018	2219	2162	2197	2167	2326	2398	2245	2342	2233	2292	26798	
03-05	MEAN	25.0	27.7	32.9	43.2	53.0	61.9	65.2	63.7	57.1	45.0	34.0	27.9	45.0	
	S.D.	14.593	13.368	12.515	11.096	8.935	6.379	5.657	6.177	8.625	10.972	12.462	13.522	18.048	
	TOTAL OBS	2204	2017	2220	2160	2203	2165	2323	2398	2243	2339	2226	2284	26782	
06-08	MEAN	24.9	27.8	33.7	44.6	55.0	63.9	67.0	65.4	58.5	46.1	34.4	28.0	46.1	
	S.D.	14.822	13.470	12.642	11.219	8.907	6.147	5.462	5.960	8.500	10.906	12.364	13.621	18.612	
	TOTAL OBS	2215	2018	2215	2160	2195	2164	2322	2403	2243	2336	2232	2299	26802	
09-11	MEAN	27.1	29.7	35.3	45.7	55.9	64.4	67.7	66.6	59.9	48.0	36.5	30.3	47.5	
	S.D.	14.511	13.497	13.129	11.931	9.644	6.833	6.123	6.235	8.793	11.474	12.271	13.171	18.327	
	TOTAL OBS	2210	2018	2218	2158	2192	2169	2325	2408	2241	2347	2237	2317	26840	
12-14	MEAN	28.2	30.5	35.4	45.4	55.7	64.0	67.0	65.6	59.3	47.3	36.3	30.9	47.4	
	S.D.	14.275	13.651	13.276	12.037	9.507	6.934	6.715	6.528	9.081	12.077	12.673	13.239	18.018	
	TOTAL OBS	2210	2017	2222	2159	2195	2168	2328	2402	2244	2352	2240	2312	26849	
15-17	MEAN	28.2	30.3	35.1	44.9	55.5	63.8	66.7	65.3	59.1	47.0	35.8	30.5	47.1	
	S.D.	14.125	13.432	13.026	11.918	9.646	6.851	6.610	6.573	9.016	11.934	12.697	13.052	17.948	
	TOTAL OBS	2216	2017	2220	2162	2194	2168	2340	2403	2250	2351	2244	2317	26882	
18-20	MEAN	27.4	29.6	35.1	45.0	56.0	64.5	67.5	66.2	59.4	47.3	35.3	29.6	47.2	
	S.D.	14.127	13.147	12.600	11.202	8.969	6.550	5.927	6.091	8.416	11.240	12.195	12.934	18.152	
	TOTAL OBS	2207	2012	2221	2158	2193	2171	2327	2404	2245	2348	2232	2289	26809	
21-23	MEAN	26.4	28.8	34.4	44.7	55.2	63.9	67.0	65.3	58.6	46.5	34.5	29.1	46.5	
	S.D.	14.205	13.095	12.454	10.941	8.868	6.185	5.547	5.999	8.360	11.124	12.018	13.028	18.123	
	TOTAL OBS	2208	2015	2218	2163	2190	2171	2327	2403	2250	2346	2231	2208	26810	
ALL HOURS	MEAN	26.6	29.1	34.4	44.7	55.0	63.6	66.8	65.3	58.7	46.6	35.2	29.3	46.6	
	S.D.	14.432	13.398	12.798	11.432	9.213	6.575	6.005	6.258	8.696	11.376	12.411	13.273	18.179	
	TOTAL OBS	17669	16132	17753	17282	17561	17343	18618	19219	17961	18761	17875	18398	214572	

DATA PROCESSING SECTION  
ETAC/USAF  
AIR WEATHER SERVICE/ AC

## RELATIVE HUMIDITY

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72 ALL  
STATION STATION NAME PERIOD MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.0	95.2	87.5	75.0	58.4	37.2	16.7	72.6	17608
FEB		100.0	99.9	97.6	92.7	83.7	70.2	53.9	35.6	16.9	70.7	16132
MAR		100.0	99.0	94.5	86.2	75.3	61.5	45.2	27.6	11.4	65.7	17752
APR		100.0	99.4	94.8	85.3	72.1	56.5	39.7	23.4	8.2	63.5	17282
MAY		100.0	100.0	98.5	91.3	79.8	66.2	49.9	32.0	12.4	68.6	17561
JUN		100.0	100.0	99.4	94.8	84.0	69.7	53.6	35.0	11.3	70.4	17342
JUL		100.0	99.9	99.2	95.4	86.0	71.8	56.0	38.4	13.7	71.7	18617
AUG		100.0	100.0	99.0	94.4	84.0	70.4	55.1	37.5	13.9	71.1	19217
SEP		100.0	99.7	97.8	91.5	81.8	70.0	55.1	38.8	15.7	70.7	17956
OCT		100.0	99.7	95.6	87.1	76.9	64.1	49.8	33.0	14.0	67.6	18761
NOV		100.0	99.3	97.1	90.6	80.4	66.7	50.0	32.0	11.5	68.4	17874
DEC		100.0	100.0	99.0	95.6	87.8	75.4	58.9	37.6	17.0	72.8	18399
TOTALS		100.0	99.8	97.6	91.7	81.6	68.1	52.1	34.0	13.6	69.5	214564



1 DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
PERIOD

JAN  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	99.0	99.1	95.9	86.3	70.0	45.2	21.0	77.4	2199
	03-05	100.0	100.0	99.9	99.4	96.9	89.9	75.1	48.5	21.2	78.8	2204
	06-08	100.0	100.0	99.9	99.2	97.0	90.8	76.6	50.8	21.4	79.3	2215
	09-11	100.0	100.0	99.6	96.4	88.7	73.0	55.2	34.2	14.2	71.8	2210
	12-14	100.0	99.8	96.3	86.0	70.1	53.7	37.7	23.7	11.3	63.5	2210
	15-17	100.0	99.9	96.6	85.5	70.5	54.0	37.0	23.4	11.6	63.5	2216
	18-20	100.0	100.0	99.8	96.7	87.9	71.5	53.7	31.9	14.9	71.4	2207
	21-23	100.0	100.0	99.8	99.0	92.8	80.9	61.8	39.5	18.3	74.9	2208
TOTALS		100.0	100.0	99.0	95.2	87.5	75.0	58.4	37.2	16.7	72.6	17669

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

13806 FORT CAMPBELL KY/CAMPBELL AAF

44-45,51-72

FEB  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	99.2	96.2	86.5	67.0	43.0	21.0	76.9	2018
	03-05	100.0	100.0	100.0	99.8	98.1	90.0	74.4	50.0	22.6	79.3	2017
	06-08	100.0	100.0	100.0	99.9	98.6	91.4	75.8	50.3	23.0	79.7	2018
	09-11	100.0	100.0	98.9	94.8	83.4	65.3	47.0	30.2	13.5	68.9	2018
	12-14	100.0	99.5	92.1	79.9	61.9	46.3	33.6	22.7	11.2	60.3	2017
	15-17	100.0	99.5	91.3	76.5	59.2	44.9	33.3	23.3	11.4	59.6	2017
	18-20	100.0	100.0	98.9	93.6	81.1	61.2	43.9	28.4	14.3	67.7	2012
	21-23	100.0	100.0	99.8	98.0	91.1	76.2	56.0	37.0	17.4	73.1	2015
TOTALS		100.0	99.9	97.6	92.7	83.7	70.2	53.9	35.6	16.9	70.7	16132

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# RELATIVE HUMIDITY

13804  
STATION

FJRT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,51-72  
PERIOD

MAR  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	99.5	97.0	91.2	79.0	57.5	35.2	14.7	73.1	2219
	03-05	100.0	100.0	99.5	98.2	94.4	85.1	66.3	41.0	17.3	75.8	2224
	06-08	100.0	100.0	99.4	98.2	93.7	82.3	65.1	40.3	16.3	75.1	2215
	09-11	100.0	99.7	95.3	85.2	69.5	52.2	36.3	22.7	9.1	62.6	2219
	12-14	100.0	96.7	85.0	67.9	51.3	37.8	27.2	16.7	6.8	54.5	2222
	15-17	99.9	96.4	82.9	63.7	48.6	35.9	26.4	15.9	6.5	53.2	2220
	18-20	100.0	99.2	95.7	84.5	66.6	52.1	35.9	21.1	8.6	62.2	2221
	21-23	100.0	99.9	96.6	94.7	84.9	67.7	46.6	27.5	12.2	68.9	2218
TOTALS		100.0	99.0	94.5	86.2	75.3	61.5	45.2	27.6	11.4	65.7	17753

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

## RELATIVE HUMIDITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45, 50-72  
PERIOD

APR  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	96.5	92.7	79.2	57.7	34.5	11.9	73.1	2162
	03-05	100.0	100.0	99.9	99.2	96.7	86.2	69.0	43.2	15.6	76.6	2161
	06-08	100.0	100.0	99.8	98.8	92.3	77.8	56.6	33.1	11.6	72.7	2160
	09-11	100.0	99.8	95.4	81.4	61.4	41.9	26.3	14.2	5.1	58.1	2159
	12-14	100.0	97.9	84.8	64.5	43.2	28.0	17.6	11.1	3.6	50.5	2158
	15-17	99.9	97.8	82.3	50.0	40.3	27.6	17.9	11.6	3.7	49.5	2162
	18-20	100.0	99.6	96.2	83.4	64.0	44.8	28.5	16.5	5.7	59.4	2158
	21-23	100.0	100.0	99.6	96.6	85.9	66.7	43.7	25.3	8.0	68.1	2163
TOTALS		100.0	99.4	94.8	85.3	72.1	56.5	39.7	23.4	6.2	63.5	17282

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45, 51-72

PERIOD

MAY  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.9	99.0	94.3	80.2	56.5	22.2	80.9	2197
	03-05	100.0	100.0	100.0	100.0	99.9	97.5	86.3	67.5	32.0	84.1	2203
	06-08	100.0	100.0	100.0	99.7	96.8	85.7	65.7	40.5	14.6	76.0	2195
	09-11	100.0	100.0	99.0	88.9	68.6	45.4	25.8	13.8	4.2	60.0	2192
	12-14	100.0	100.0	95.3	74.6	49.8	30.3	17.5	9.4	2.3	53.3	2195
	15-17	100.0	99.9	93.7	73.1	48.0	30.8	19.5	10.0	3.8	53.3	2194
	18-20	100.0	100.0	99.6	94.3	79.4	58.3	37.8	20.1	6.8	65.2	2195
	21-23	100.0	100.0	100.0	99.6	97.0	87.1	66.3	38.0	13.4	75.8	2190
TOTALS		100.0	100.0	98.5	91.3	79.8	66.2	49.9	32.0	12.4	68.6	17561

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

44-45,50-72  
PERIOD

JUN  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.8	98.8	90.7	67.2	23.8	83.9	2167
	03-05	100.0	100.0	100.0	100.0	100.0	99.8	96.1	77.9	33.4	86.6	2165
	06-08	100.0	100.0	100.0	99.8	98.6	91.5	72.8	44.5	11.3	77.2	2164
	09-11	100.0	100.0	99.7	95.0	77.5	48.7	23.3	11.0	2.7	61.3	2169
	12-14	100.0	100.0	97.9	84.3	55.8	28.2	12.4	5.7	1.7	54.0	2168
	15-17	100.0	99.9	97.6	62.6	54.4	29.5	15.3	7.5	2.1	54.4	2168
	18-20	100.0	100.0	99.9	96.8	86.8	66.6	40.2	13.7	4.5	66.9	2171
	21-23	100.0	100.0	100.0	99.9	99.2	94.5	77.9	47.3	10.7	78.6	2171
TOTALS		100.0	100.0	99.4	94.8	84.0	69.7	53.6	35.0	11.3	70.4	17343

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)

## RELATIVE HUMIDITY

13606  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45, 50-72

PERIOD

JUL  
MONTH

MONTH	HOURS (L.S.T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	99.9	98.8	94.1	73.7	27.5	85.2	2326
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	97.0	84.6	39.1	88.1	2323
	06-08	100.0	100.0	100.0	99.9	98.7	93.5	77.7	50.1	15.2	79.2	2321
	09-11	100.0	100.0	99.3	95.3	81.3	54.2	24.9	10.6	2.8	62.4	2325
	12-14	100.0	99.7	97.3	85.9	59.6	30.3	12.3	6.0	1.9	54.9	2328
	15-17	100.0	99.8	97.3	84.8	60.6	32.2	13.0	8.0	2.6	55.7	2340
	18-20	100.0	100.0	99.7	97.5	88.4	70.7	43.8	21.1	5.4	68.3	2327
	21-23	100.0	100.0	100.0	100.0	99.4	94.8	81.9	52.7	15.2	80.0	2327
TOTALS		100.0	99.9	99.2	95.4	86.0	71.8	56.0	38.4	13.7	71.7	18617

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

13806 FORT CAMPBELL KY/CAMPBELL AAF  
STATION STATION NAME

43-45, 50-72  
PERIOD

AUG  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.7	98.0	90.1	68.9	27.4	84.2	2398
	03-05	100.0	100.0	100.0	100.0	100.0	99.0	94.8	80.2	39.4	87.3	2398
	06-08	100.0	100.0	100.0	100.0	98.8	93.3	80.1	55.5	19.6	80.4	2403
	09-11	100.0	100.0	99.5	94.4	78.4	52.7	26.3	11.3	2.3	61.9	2408
	12-14	100.0	99.9	96.6	81.0	53.4	28.1	13.4	5.7	1.7	53.5	2402
	15-17	100.0	99.8	96.1	82.1	54.3	28.2	15.1	7.4	1.9	54.0	2402
	18-20	100.0	100.0	99.8	97.7	88.8	69.7	44.2	23.6	5.4	68.1	2403
	21-23	100.0	100.0	100.0	99.9	98.9	93.8	76.6	50.7	13.8	79.0	2403
TOTALS		100.0	100.0	99.0	94.4	84.0	70.4	55.1	37.5	13.9	71.1	19217



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-45,50-72  
PERIOD

SEP  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	98.9	94.9	85.3	66.5	26.7	83.2	2244
	03-05	100.0	100.0	100.0	100.0	99.6	97.5	89.6	75.7	39.0	86.2	2241
	06-08	100.0	100.0	99.9	99.6	97.5	91.4	78.2	58.0	25.5	80.9	2243
	09-11	100.0	99.6	97.6	89.3	71.8	50.2	28.5	15.4	4.4	61.2	2240
	12-14	100.0	98.8	92.9	72.7	49.7	30.2	16.4	8.6	2.6	52.6	2244
	15-17	100.0	98.9	93.1	74.7	51.9	32.4	18.4	9.4	3.0	53.7	2249
	18-20	100.0	100.0	99.2	96.5	88.4	72.3	48.7	26.7	7.5	69.4	2245
	21-23	100.0	100.0	99.9	99.2	96.8	91.0	76.0	50.4	16.6	78.7	2250
TOTALS		100.0	99.7	97.8	91.5	81.8	70.0	55.1	38.8	15.7	70.7	17956

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)

## RELATIVE HUMIDITY

207  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	99.9	99.2	97.5	91.1	78.1	54.7	22.8	80.0	2342
	03-05	100.0	100.0	100.0	99.7	98.3	93.8	83.1	64.8	31.7	82.8	2339
	06-08	100.0	100.0	99.9	99.2	96.4	90.0	76.8	52.8	24.2	79.7	2336
	09-11	100.0	99.9	95.8	81.9	62.8	42.6	25.7	14.4	4.7	58.4	2347
	12-14	100.0	98.6	83.8	59.7	39.1	22.3	13.6	8.0	2.9	48.2	2352
	15-17	100.0	98.9	86.9	63.4	43.5	26.8	15.7	9.0	3.6	50.3	2351
	18-20	100.0	100.0	99.1	95.3	83.1	62.6	41.0	21.8	7.3	66.6	2348
	21-23	100.0	100.0	99.6	98.7	94.6	83.5	64.4	38.8	14.9	75.1	2346
TOTALS		100.0	99.7	95.6	87.1	76.9	64.1	49.8	33.0	14.0	67.6	18761

DATA PROCESSING BR. OF  
ETAC/USAF  
AIR WEATHER SERVICE/AC

# RELATIVE HUMIDITY

13806  
STATION

FORT CAMPBELL KY/CAMPBELL AAF  
STATION NAME

43-44, 50-72  
PERIOD

1  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	99.9	99.5	97.9	93.7	84.4	66.4	43.9	15.0	75.5	2232
	03-05	100.0	100.0	99.7	99.2	96.1	89.7	75.1	52.0	18.5	78.6	2226
	06-08	100.0	100.0	99.8	99.1	96.0	88.7	74.7	51.6	13.6	76.5	2232
	09-11	100.0	100.0	97.8	89.9	75.9	56.6	36.8	22.3	8.2	64.4	2237
	12-14	100.0	99.3	89.9	72.2	51.5	35.6	23.6	13.4	5.6	54.7	2239
	15-17	100.0	99.2	91.4	75.3	56.6	39.0	25.7	14.4	5.8	56.3	2244
	18-20	100.0	100.0	98.9	93.7	82.9	62.6	42.2	24.8	9.2	67.0	2232
	21-23	100.0	100.0	99.7	97.2	90.3	76.6	55.4	33.5	10.8	72.0	2231
TOTALS		100.0	99.8	97.1	90.6	80.4	66.7	50.0	32.0	11.5	68.4	17874

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)

## RELATIVE HUMIDITY

2.5  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.7	99.0	95.5	87.1	71.4	47.1	21.0	77.7	2292
	03-05	100.0	100.0	99.8	99.2	97.2	90.2	76.7	51.3	21.7	79.3	2204
	06-08	100.0	100.0	99.8	99.3	97.3	91.3	78.5	52.7	22.4	79.3	2299
	09-11	100.0	100.0	99.4	96.4	87.8	73.0	53.0	31.8	14.7	71.2	2217
	12-14	100.0	99.9	96.6	86.2	69.0	50.1	34.9	22.2	11.1	62.7	2312
	15-17	100.0	99.9	97.2	88.2	72.6	54.1	38.6	23.7	12.0	64.2	2317
	18-20	100.0	100.0	99.4	97.6	89.4	74.7	53.6	31.3	15.3	71.3	2239
	21-23	100.0	100.0	99.7	98.6	93.8	83.4	64.1	39.6	17.8	75.4	2239
TOTALS		100.0	100.0	99.0	95.6	87.8	75.4	58.9	37.6	17.0	72.8	18399

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART F

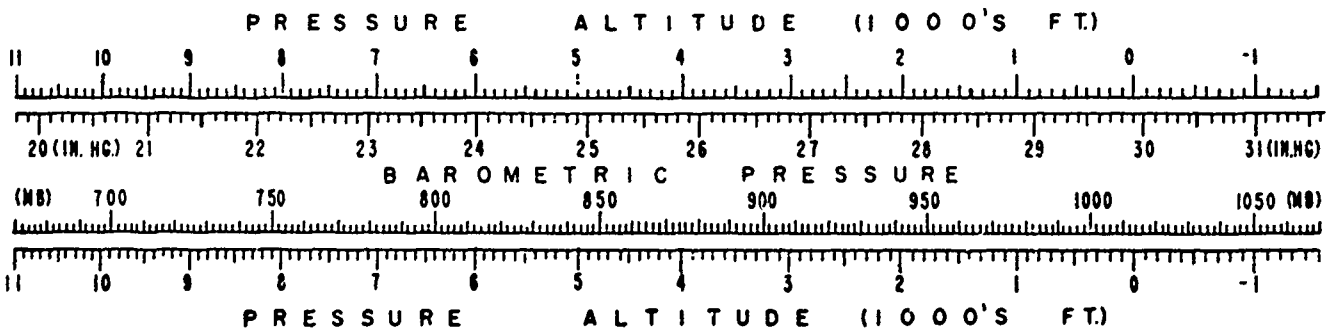
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.  
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.  
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/4AC

## MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13806 FORT CAMPBELL KY/CAMPBELL AAF 50-63,65-72

STATION		STATION NAME												YEARS	
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00	MEAN	29.512	29.461	29.404	29.380	29.387	29.367	29.412	29.408	29.431	29.459	29.476	29.494	29.433	
	S.D.	.208	.217	.206	.179	.128	.098	.083	.085	.113	.143	.193	.209	.168	
	TOTAL OBS	611	559	616	596	617	601	647	674	629	679	658	678	7565	
03	MEAN	29.517	29.455	29.396	29.373	29.381	29.362	29.403	29.399	29.425	29.459	29.477	29.496	29.429	
	S.D.	.209	.222	.208	.181	.130	.101	.084	.087	.115	.147	.196	.212	.172	
	TOTAL OBS	611	559	617	596	619	600	644	678	628	678	658	675	7565	
06	MEAN	29.525	29.469	29.419	29.400	29.414	29.395	29.432	29.429	29.455	29.484	29.493	29.504	29.452	
	S.D.	.214	.229	.209	.188	.133	.105	.086	.090	.116	.150	.199	.216	.173	
	TOTAL OBS	616	557	614	598	616	602	643	680	628	676	657	676	7563	
09	MEAN	29.558	29.496	29.446	29.422	29.431	29.410	29.451	29.450	29.478	29.511	29.522	29.533	29.477	
	S.D.	.220	.232	.212	.194	.137	.107	.087	.092	.117	.153	.199	.219	.177	
	TOTAL OBS	616	557	615	597	615	603	643	681	627	680	657	679	7570	
12	MEAN	29.526	29.472	29.426	29.399	29.410	29.391	29.431	29.427	29.452	29.476	29.488	29.500	29.451	
	S.D.	.223	.233	.207	.190	.133	.105	.087	.091	.114	.149	.194	.214	.174	
	TOTAL OBS	615	558	617	598	616	603	642	678	629	680	656	679	7571	
15	MEAN	29.492	29.433	29.384	29.359	29.375	29.357	29.396	29.387	29.409	29.438	29.460	29.476	29.415	
	S.D.	.218	.229	.203	.185	.128	.101	.086	.090	.112	.144	.192	.206	.170	
	TOTAL OBS	616	559	616	600	618	602	647	678	630	677	659	677	7579	
18	MEAN	29.505	29.445	29.385	29.355	29.365	29.346	29.384	29.379	29.410	29.446	29.476	29.487	29.416	
	S.D.	.214	.223	.204	.179	.125	.099	.084	.088	.110	.143	.187	.203	.170	
	TOTAL OBS	615	556	616	597	615	604	642	676	628	680	653	672	7554	
21	MEAN	29.515	29.461	29.402	29.380	29.386	29.365	29.408	29.403	29.432	29.461	29.485	29.496	29.433	
	S.D.	.213	.220	.204	.176	.126	.099	.084	.099	.110	.143	.192	.205	.169	
	TOTAL OBS	613	559	613	597	616	602	646	679	631	680	656	675	7567	
ALL HOURS	MEAN	29.519	29.461	29.408	29.384	29.394	29.374	29.414	29.410	29.437	29.467	29.485	29.498	29.438	
	S.D.	.215	.226	.207	.185	.132	.104	.088	.093	.116	.148	.195	.211	.173	
	TOTAL OBS	4913	4464	4924	4781	4932	4817	5154	5424	5030	5430	5254	5411	60534	

DATA PROCESSING BRANCH  
USAF ETAC  
AIP WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13806 FORT CAMPBELL KY/CAMPBELL AAF 43-45,50-72

STATION		STATION NAME												YEARS	
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00	MEAN	1020.5	1018.8	1016.7	1015.7	1015.8	1015.0	1016.2	1016.0	1017.2	1018.4	1019.4	1020.3	1017.5	
	S.D.	7.381	7.739	7.246	6.324	4.456	3.421	2.936	2.987	3.906	4.954	6.746	7.506	6.003	
	TOTAL OBS	739	673	739	717	741	721	786	797	749	785	747	771	8961	
03	MEAN	1020.7	1018.6	1016.4	1015.4	1015.6	1014.8	1015.9	1015.8	1017.0	1018.4	1019.4	1020.3	1017.4	
	S.D.	7.405	7.867	7.299	6.412	4.505	3.498	2.962	3.053	3.975	5.074	6.847	7.606	6.111	
	TOTAL OBS	735	673	741	720	743	723	783	802	747	784	746	768	8962	
06	MEAN	1021.1	1019.1	1017.3	1016.4	1016.8	1016.0	1016.9	1016.8	1018.1	1019.3	1020.0	1020.7	1018.2	
	S.D.	7.551	8.091	7.388	6.654	4.633	3.649	3.067	3.174	4.036	5.228	7.016	7.716	6.167	
	TOTAL OBS	740	672	738	721	739	722	783	804	748	781	746	768	8962	
09	MEAN	1022.3	1020.1	1018.1	1017.1	1017.4	1016.5	1017.5	1017.5	1018.9	1020.2	1021.0	1021.7	1019.0	
	S.D.	7.697	8.235	7.493	6.859	4.743	3.710	3.101	3.237	4.102	5.319	7.019	7.772	6.308	
	TOTAL OBS	739	672	739	721	738	723	783	804	746	784	746	769	8964	
12	MEAN	1021.3	1019.2	1017.4	1016.3	1016.6	1015.8	1016.9	1016.7	1017.9	1019.0	1019.7	1020.4	1018.1	
	S.D.	7.706	8.235	7.321	6.699	4.629	3.669	3.069	3.199	3.974	5.164	6.875	7.658	6.161	
	TOTAL OBS	739	672	741	721	741	723	782	801	749	785	745	771	8969	
15	MEAN	1020.0	1017.8	1015.9	1014.9	1015.4	1014.6	1015.6	1015.3	1016.4	1017.7	1018.8	1019.5	1016.8	
	S.D.	7.567	8.075	7.154	6.520	4.446	3.508	3.040	3.162	3.890	4.983	6.732	7.448	6.053	
	TOTAL OBS	739	672	740	721	742	722	787	800	750	782	749	770	8973	
18	MEAN	1020.5	1018.4	1016.1	1014.8	1015.1	1014.3	1015.3	1015.1	1016.6	1018.0	1019.4	1020.1	1017.0	
	S.D.	7.501	7.929	7.142	6.342	4.350	3.463	2.961	3.058	3.818	4.938	6.585	7.335	6.075	
	TOTAL OBS	739	670	740	718	739	724	783	800	748	784	742	764	8951	
21	MEAN	1020.8	1018.9	1016.7	1015.7	1015.8	1014.9	1016.1	1016.0	1017.3	1018.6	1019.7	1020.4	1017.6	
	S.D.	7.500	7.841	7.167	6.259	4.359	3.450	2.955	3.059	3.805	4.941	6.706	7.394	6.015	
	TOTAL OBS	737	673	737	718	740	722	787	803	751	785	746	767	8966	
ALL HOUR	MEAN	1020.5	1018.9	1016.8	1015.8	1016.1	1015.2	1016.3	1016.2	1017.4	1018.7	1019.7	1020.4	1017.7	
	S.D.	7.562	8.023	7.307	6.549	4.573	3.615	3.091	3.206	4.012	5.130	6.841	7.573	6.149	
	TOTAL OBS	5901	5377	5915	5757	5923	5777	6274	6411	5980	6270	5967	6148	71708	